

	424259	AK001776	Hs.143954	hypothetical protein FLJ10914	8.3
	443056	AI457996	Hs.132578	ESTs	8.3
	410391	H17881	Hs.15043	Homo sapiens clone FLBS227 PRO1367 mRNA, complete cds	8.3
	407989	AW135208	Hs.256092	ESTs	8.3
5	410536	N39533		gb:uv27d04.s1 Soares fetal liver spleen 1NFLS Homo sa	8.3
	452273	AI870685	Hs.231022	ESTs	8.3
	454297	AI223335	Hs.50651	Janus kinase 1 (a protein tyrosine kinase)	8.3
	453718	AL119317	Hs.120360	phospholipase A2, group VI (cytosolic, calcium-Indepe	8.3
10	401854			NM_007242:Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/His) b	8.3
	432891	AF161483	Hs.279761	HSPC134 protein	8.2
	419923	AW081455	Hs.120219	ESTs	8.2
	433627	AF078866	Hs.284298	Homo sapiens cDNA: FLJ22993 fis, clone KAT11914	8.2
	435452	AA831004	Hs.124874	ESTs	8.2
15	418583	U90908	Hs.87241	hypothetical protein from clones 23549 and 23762	8.2
	440065	W03476	Hs.266331	hypothetical protein MGC4595	8.2
	439762	T78988	Hs.14411	ESTs	8.2
	447983	AW812726	Hs.262113	ESTs, Weakly similar to I38022 hypothetical protein [	8.2
	441966	AA568689	Hs.16131	hypothetical protein FLJ12876	8.2
20	408182	AA047854		gb:z49g04.r1 Soares retina N2b4HR Homo sapiens cDNA	8.2
	432180	Y18418	Hs.272822	RuvB (E. coli homolog)-like 1	8.2
	438005	BE561650	Hs.158126	Homo sapiens cDNA FLJ13350 fis, clone OVARC1002143	8.2
	414862	AF273304	Hs.235376	XPMC2 protein	8.2
	444476	AF020038	Hs.11223	isocitrate dehydrogenase 1 (NADP), soluble	8.2
25	408175	W28089	Hs.19066	hypothetical protein DKFZp667C2416	8.2
	413940	AI633205	Hs.159914	ESTs, Weakly similar to I78885 serine/threonine-speci	8.2
	437277	AA748016	Hs.123370	ESTs	8.2
	431445	AA505135	Hs.44037	ESTs	8.1
	418927	BE349635	Hs.190284	ESTs	8.1
30	452448	AA086123	Hs.297856	ESTs	8.1
	445380	AI222019	Hs.144838	ESTs	8.1
	421174	AW969058	Hs.291974	ESTs, Moderately similar to A46010 X-linked retinopat	8.1
	444374	AA009841	Hs.11039	hypothetical protein MGC2722	8.1
35	417247	N58024		gb:uv63c01.s1 Soares fetal liver spleen 1NFLS Homo sa	8.1
	438335	AI498421	Hs.243168	ESTs	8.1
	445235	AI564022	Hs.138207	ESTs	8.1
	422585	NM_016186	Hs.118620	protein Z-dependent protease inhibitor precursor	8.1
	442522	AI087038	Hs.146592	ESTs, Weakly similar to ALU7_HUMAN ALU SUBFAMILY SQ S	8.1
40	430684	AI808979	Hs.283193	ESTs	8.1
	446442	BE221533	Hs.257858	ESTs	8.1
	441410	AA932689	Hs.233304	ESTs, Weakly similar to I38022 hypothetical protein [	8.0
	419485	AA489023	Hs.99807	ESTs, Weakly similar to unnamed protein product [H.s.a	8.0
	449539	W80363	Hs.58446	ESTs	8.0
45	406883	U24683	Hs.302063	immunoglobulin heavy constant mu	8.0
	423767	H18283	Hs.132753	F-box only protein 2	8.0
	450937	R49131	Hs.26267	ATP-dependant interferon response protein 1	8.0
50	430977	AA490069	Hs.306676	Homo sapiens cDNA FLJ14302 fis, clone PLACE2000003	8.0
	455677	BE066061	Hs.8857	cysteine-rich, angiogenic inducer, 61	8.0
	436706	AA725808	Hs.194809	ESTs	8.0
	459407	N92114		gb:za22h11.r1 Soares fetal liver spleen 1NFLS Homo sa	8.0
55	444132	AK000452	Hs.10340	hypothetical protein FLJ20445	8.0
	437149	AI686651	Hs.202234	ESTs, Weakly similar to ALU4_HUMAN ALU SUBFAMILY SB2	8.0
	418499	AI627392	Hs.302023	hypothetical protein FKSG25	8.0
	411298	AW835858		gb:PMO-LT0017-031299-001-b07 LT0017 Homo sapiens cDNA	8.0
	432571	AF151054	Hs.278429	hepatocellular carcinoma-associated antigen 59	8.0
60	418295	AI064824	Hs.193385	ESTs	8.0
	427485	AF039652	Hs.178655	ribonuclease H1	8.0
	409857	AW501908		gb:U1-HF-BR0p-ajp-c-12-0-U1.r1 NIH_MGC_52 Homo sapien	7.9
	433854	AA610649	Hs.333239	ESTs	7.9
65	458080	BE142728		gb:MR0-HT0157-021299-004-d08 HT0157 Homo sapiens cDNA	7.9
	423673	AA328504		gb:EST31893 Embryo, 12 week 1 Homo sapiens cDNA 5' en	7.9
	404495			C8001441"qj 8923061ref NP_050114.1  hypothetical pr	7.9
	443135	AI376331	Hs.156103	ESTs	7.9
	448939	BE267785	Hs.22595	hypothetical protein FLJ10537	7.9
70	413283	R78659	Hs.23756	hypothetical protein similar to swine acylneuraminase	7.9
	443987	AW163123	Hs.10071	seven transmembrane protein TM7SF3	7.9
	434197	AA827223		gb:uq83b04.s1 NCL CGAP_Ov6 Homo sapiens cDNA clone si	7.9
	436882	AW016722	Hs.194976	SH2 domain-containing phosphatase anchor protein 1	7.9
	434502	AW974915	Hs.116550	ESTs	7.9
75	435507	AI143578	Hs.26510	vacuolar protein sorting 33B (yeast homolog)	7.9
	444886	AI201480	Hs.144856	ESTs	7.9
	419320	H96666	Hs.8137	ESTs	7.9
	446269	AW263155	Hs.14559	hypothetical protein FLJ10540	7.9
	425569	AA359597	Hs.301701	Homo sapiens cDNA FLJ12073 fis, clone HEMBB1002387	7.9
	445209	AW294230	Hs.80988	collagen, type VI, alpha 3	7.9
80	449193	AI637997	Hs.195653	ESTs	7.9
	447397	BE247676	Hs.18442	E-1 enzyme	7.9
	455037	BE144549		gb:MR0-HT0167-081199-001-a02 HT0167 Homo sapiens cDNA	7.9
	453367	AW732847	Hs.70573	PKC1-1-related HIT protein	7.8
	439317	AF086127	Hs.50800	ESTs, Weakly similar to T47156 hypothetical protein D	7.8
	424006	AF054815	Hs.137548	CD84 antigen (leukocyte antigen)	7.8
	408562			NM_004520~Homo sapiens kinase heavy chain member 2	7.8
	435192	AK000739	Hs.4835	eukaryotic translation initiation factor 3, subunit 8	7.8
	413500	BE144914		gb:CM3-HT0163-181099-023-b05 HT0163 Homo sapiens cDNA	7.8

	436216	AA380887	Hs.5085	dolichyl-phosphate mannosyltransferase polypeptide 1,	7.8
	418623	AW194757	Hs.266804	ESTs	7.8
	447197	R36075		gb:yh89b01.s1 Soares placenta Nb2HP Homo sapiens cDNA	7.8
5	430146	AW815330		gb:QV0-ST0215-060100-083-a09 ST0215 Homo sapiens cDNA	7.8
	441841	AA971819	Hs.176083	ESTs	7.8
	457677	AA628890	Hs.158701	ESTs	7.8
	421090	BE301870	Hs.101813	solute carrier family 9 (sodium/hydrogen exchanger),	7.8
	436481	AA379597	Hs.5199	HSPC150 protein similar to ubiquitin-conjugating enzy	7.8
10	434407	AW815333		gb:QV0-ST0215-060100-083-g01 ST0215 Homo sapiens cDNA	7.8
	406410			CS000010*.g 10440464 dbj BAB15765.1  (AK024475) FLJ0	7.8
	453579	AI204463	Hs.61857	ESTs	7.8
	427584	BE410293	Hs.179718	v-myb avian myeloblastosis viral oncogene homolog-lik	7.7
	452139	AA089969	Hs.16331	Homo sapiens cDNA: FLJ21482 fs, clone COL05135	7.7
	405510			ENSP00000233779*.Hypothetical 68.0 kDa protein.	7.7
15	440777	AA994020	Hs.128553	ESTs	7.7
	446424	AW134529	Hs.244647	ESTs	7.7
	448004	AW451477	Hs.257456	ESTs	7.7
	430610	AI621465	Hs.188810	ESTs, Weakly similar to ALU6_HUMAN ALU SUBFAMILY SP S	7.7
20	427080	AW068287	Hs.173466	ras-related C3 botulinum toxin substrate 2 (rho famil	7.7
	451693	BE220445	Hs.279635	ESTs	7.7
	417558	AF045229	Hs.82280	regulator of G-protein signalling 10	7.7
	420344	BE463721	Hs.97101	putative G protein-coupled receptor	7.7
	427735	AA916785	Hs.180610	splicing factor proline/glutamine rich (polypyrimidin	7.7
25	425423	NM_005897	Hs.157180	Intracisternal A particle-promoted polypeptide	7.7
	450663	HA3540	Hs.25292	ribonuclease H1, large subunit	7.7
	432585	AA705591	Hs.190209	ESTs	7.7
	402682			Target Exon	7.7
	400247			Eos Control	7.7
30	421116	T18132	Hs.101850	retinol-binding protein 1, cellular	7.7
	425761	AI015709	Hs.172089	Homo sapiens mRNA; cDNA DKFZp58612022 (from clone DKF	7.7
	405514			ENSP00000241075:TRRAP PROTEIN.	7.7
	412406	AW948172		gb:RCD-MT0013-280300-021-b08 MT0013 Homo sapiens cDNA	7.7
35	440226	AA873387	Hs.207330	ESTs	7.7
	435625	H50654	Hs.113999	ESTs	7.7
	418529	AW005695	Hs.250897	TRK-fused gene	7.6
	407758	D50915	Hs.38365	KIAA0125 gene product	7.6
	447276	AL049795	Hs.17987	hypothetical protein MGC1203	7.6
	449938	AW970812	Hs.172635	Homo sapiens cDNA: FLJ21367 fs, clone COL03051	7.6
40	422893	X08411	Hs.121555	myosin II	7.6
	451593	AF151879	Hs.26706	CGI-121 protein	7.6
	424148	BE242274	Hs.1741	integrin, beta 7	7.6
	447519	U46258	Hs.339965	ESTs	7.6
	409361	NM_005982	Hs.54416	shc oculis homeobox (Drosophila) homolog 1	7.6
45	436279	AW900372	Hs.180793	ESTs, Weakly similar to S65657 alpha-1C-adrenergic re	7.6
	426523	S68616	Hs.170222	solute carrier family 9 (sodium/hydrogen exchanger),	7.6
	456926	AB018284	Hs.158688	KIAA0741 gene product	7.6
	416294	D86980	Hs.79170	KIAA0227 protein	7.6
50	409206	AW354844		gb:QV3-DT0044-221259-045-c03 DT0044 Homo sapiens cDNA	7.6
	417086	AA194446	Hs.73451	ESTs, Weakly similar to S55024 nebulin, skeletal musc	7.6
	418181	U37012	Hs.83727	cleavage and polyadenylation specific factor 1, 160kD	7.5
	436910	AA928944		gb:om68g01.s1 NCL_CGAP_GC4 Homo sapiens cDNA clone 3'	7.5
	401008			Target Exon	7.5
55	413245	BE244334	Hs.75249	ADP-ribosylation factor-like 6 interacting protein	7.5
	446820	AW296037	Hs.254986	ESTs	7.5
	439279	AI039473	Hs.130693	ESTs	7.5
	426116	AA868729	Hs.144694	ESTs	7.5
	410088	BE326839	Hs.17433	hypothetical protein FLJ20967	7.5
	422326	AI114876	Hs.78592	eukaryotic translation initiation factor 2B, subunit	7.5
60	435513	AW404075	Hs.42785	DC11 protein	7.5
	421629	N80121	Hs.4983	ESTs	7.4
	434563	AA641972	Hs.130058	ESTs	7.4
	452461	N78223	Hs.108106	transcription factor	7.4
	418811	AK001407	Hs.88663	hypothetical protein FLJ10545	7.4
65	405417			CX001144*.g 7242973 dbj BAA92547.1  (AB037730) KIAA1	7.4
	414076	AA487738		gb:nc74e05.s1 NCL_CGAP_P12 Homo sapiens cDNA clone, m	7.4
	435014	BE560898	Hs.10026	mitochondrial ribosomal protein L17	7.4
	449610	AI242042	Hs.14044	ESTs	7.4
	403397			Target Exon	7.4
70	436873	N23874	Hs.50477	RAB27A, member RAS oncogene family	7.4
	451386	AB029006	Hs.26334	spastic paraplegia 4 (autosomal dominant; spastin)	7.4
	404914			NM_004046*.Homo sapiens ATP synthase, H+ transporting	7.4
	419839	U24577	Hs.93304	phospholipase A2, group VII (platelet-activating fact	7.4
75	432820	AI554057	Hs.152477	ESTs	7.4
	418978	T85295	Hs.268608	ESTs	7.4
	446636	AC002583	Hs.15767	citron (rho-interacting, serine/threonine kinase 21)	7.4
	454639	AW811633		gb:RC2-ST0158-091099-011-d05 ST0158 Homo sapiens cDNA	7.4
	434522	AF189259	Hs.283081	gamma-aminobutyric acid (GABA) receptor, theta	7.4
	458236	AW287043	Hs.255604	ESTs, Weakly similar to A47234 homeobox protein H6 [H	7.4
80	441043	AA913422	Hs.182104	ESTs	7.4
	422838	AA524065	Hs.93670	Homo sapiens cDNA: FLJ22664 fs, clone HSI08202	7.3
	455095	AW855718		gb:RC1-CT0279-070100-021-a06 CT0279 Homo sapiens cDNA	7.3
	442307	AW027690	Hs.90037	ESTs	7.3
	425453	AW374284	Hs.297216	Homo sapiens chromosome 19, cosmid R26894	7.3



	455327	AW896238	Hs.334805	Homo sapiens cDNA FLJ14604 fis, clone NT2RP1000363, m	7.3
	420982	AW578160	Hs.100729	KIAA0082 protein	7.3
	424583	AA446932	Hs.151428	ret finger protein 2	7.3
5	417125	AW161998	Hs.81248	CUG triplet repeat, RNA-binding protein 1	7.3
	453902	BE502341	Hs.3402	ESTs	7.3
	446842	AI343510	Hs.176992	ESTs	7.3
	454128	AL031259	Hs.41639	programmed cell death 2	7.3
	427011	BE302729	Hs.173162	neighbor of COX4	7.3
10	450872	AI742594		gb:wg55h05.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapien	7.3
	451512	AI800236	Hs.207080	ESTs	7.3
	406708	AI282759		gb:xtl84s01.x1 NCL_CGAP_Co14 Homo sapiens cDNA clone 1	7.3
	432576	AW157424	Hs.165954	ESTs, Weakly similar to I38022 hypothetical protein {	7.3
	459304	AW005809	Hs.281076	ESTs, Weakly similar to CHD4_HUMAN CHROMODOMAIN HELIC	7.3
15	401375			NM_020999; Homo sapiens neurogenin 3 (NEUROG3), mRNA	7.3
	413258	BE075114		gb:PM1-BT0585-110200-003-c11 BT0585 Homo sapiens cDNA	7.3
	406016			Target Exon	7.3
	421505	BE302796	Hs.105097	thymidine kinase 1, soluble	7.3
	422742	AA316117	Hs.337128	ESTs	7.3
	440031	BE045970	Hs.244746	ESTs	7.3
20	429389	AA454779	Hs.201441	Homo sapiens cDNA FLJ11079 fis, clone PLACE1005111	7.3
	449656	AA002008	Hs.188633	ESTs	7.3
	444310	AI140432	Hs.175936	ESTs	7.3
	459274	AA382590	Hs.170980	KIAA0948 protein	7.3
25	425404	BE048060	Hs.133494	Homo sapiens clone TCCCA00164 mRNA sequence	7.3
	431150	T63857		gb:yc16a01.s1 Stratagene lung (S37210) Homo sapiens c	7.3
	443217	NM_001545	Hs.9078	immature colon carcinoma transcript 1	7.2
	413405	AW022253	Hs.215976	ESTs	7.2
	447653	BE327277	Hs.161145	ESTs	7.2
30	414704	NM_014757	Hs.76986	mastermind (Drosophila), homolog of	7.2
	424046	AF027866	Hs.138202	serine (or cysteine) proteinase inhibitor, clade B (o	7.2
	409188	AW363284	Hs.32553	ESTs	7.2
	453493	AL039478	Hs.304447	ESTs, Weakly similar to ALU1_HUMAN ALU SUBFAMILY J SE	7.2
	456111	AK000150	Hs.78185	MAX-like bHLHZIP protein	7.2
	400297	AI127076	Hs.334473	hypothetical protein DKFZp564O1278	7.2
35	446364	AB006624	Hs.14912	KIAA0286 protein	7.2
	432216	AJ078609	Hs.2834	ribonucleotide reductase M1 polypeptide	7.2
	436943	AA773838	Hs.5353	caspase 10, apoptosis-related cysteine protease	7.2
	448336	AW816036	Hs.151251	ESTs	7.2
40	418469	U34879	Hs.85279	hydroxysteroid (17-beta) dehydrogenase 1	7.2
	414907	X80725	Hs.77597	polo (Drosophila)-like kinase	7.2
	429065	AI763247	Hs.29843	Homo sapiens cDNA FLJ13103 fis, clone NT2RP3002304	7.2
	424568	AF005418	Hs.150595	cytochrome P450, subfamily XXVIA, polypeptide 1	7.2
	416450	AA180467		gb:cp14g08.s1 Stratagene fetal retina S37202 Homo sap	7.2
45	449714	AB033016	Hs.23941	KIAA1189 protein	7.2
	455447	AW947507		gb:RCO-MT0002-140300-011-a12 MT0002 Homo sapiens cDNA	7.2
	437154	AJ023133	Hs.10739	ESTs	7.2
	423059	AW378445	Hs.123080	Homo sapiens unknown protein mRNA, partial cds	7.2
	419092	J05581	Hs.89803	mucln 1, transmembrane	7.2
50	426736	AA431615	Hs.130722	ESTs	7.2
	417748	Z43011	Hs.21169	ESTs	7.2
	434748	AB62604	Hs.211834	ESTs, Weakly similar to ALU1_HUMAN ALU SUBFAMILY J SE	7.2
	438929	AW195515	Hs.253177	ESTs	7.2
	452081	AJ074259	Hs.469	succinate dehydrogenase complex, subunit A, flavoprot	7.1
55	446416	AV658299	Hs.163969	ESTs	7.1
	415023	AA932146	Hs.133494	Homo sapiens clone TCCCA00164 mRNA sequence	7.1
	434766	AA742222	Hs.120634	ESTs	7.1
	432566	AW439330	Hs.256889	ESTs, Weakly similar to 2109260A B cell growth factor	7.1
	420252	AW270404	Hs.193161	ESTs	7.1
60	435403	AA779987	Hs.269658	ESTs	7.1
	430161	AW968203		gb:EST380398 MAGE resequences, MAGJ Homo sapiens cDNA	7.1
	427908	AA417272	Hs.24122	ESTs	7.1
	417758	U27699	Hs.82535	solute carrier family 6 (neurotransmitter transporter	7.1
	400098			Eos Control	7.1
65	412647	AW975090		gb:EST387196 MAGE resequences, MAGN Homo sapiens cDNA	7.1
	437234	AW72213	Hs.247711	hypothetical protein FLJ20557	7.1
	453366	AW958751	Hs.28921	zinc finger protein	7.1
	425803	AI825204	Hs.211408	ESTs	7.1
70	447383	N24231		gb:yn22a11.r1 Soares melanocyte 2NbHM Homo sapiens cD	7.1
	423864	BE275607	Hs.1708	chaperonin containing TCP1, subunit 3 (gamma)	7.1
	450793	AW407504		gb:UH-HF-BM0-epic-g-12-0-UI.r1 NIH_MGC_38 Homo sapiens	7.1
	409592	BE280851	Hs.55058	EH-domain containing 4	7.1
	453945	NM_005171	Hs.36908	activating transcription factor 1	7.1
	425196	AL037915	Hs.155097	carbonic anhydrase II	7.0
75	439778	AL109729	Hs.59364	putative transmembrane protein	7.0
	417662	R07478	Hs.268845	ESTs	7.0
	438087	AB663770	Hs.190422	ESTs	7.0
	452724	R84810	Hs.30464	cyclin E2	7.0
	448633	AA311426	Hs.21635	tubulin, gamma 1	7.0
80	433154	AA578528	Hs.160994	ESTs	7.0
	440094	AI651558	Hs.270372	ESTs, Weakly similar to ALU1_HUMAN ALU SUBFAMILY J SE	7.0
	409253	H81200	Hs.52002	CD5 antigen-like (scavenger receptor cysteine rich fa	7.0
	431270	BE046809		gb:h41e11.x1 NCL_CGAP_RDF2 Homo sapiens cDNA clone 3	7.0
	407629	AA648242	Hs.62632	ESTs	7.0

5	408296	AL117452	Hs.44155	DKFZP586G1517 protein	7.0
	445439	BE243084	Hs.12719	regulator of nonsense transcripts 1	7.0
	427105	AA398193	Hs.97584	ESTs	7.0
	408623	AW811978	Hs.254037	ESTs	7.0
	426561	AA381437		gb:EST94514 Activated T-cells I Homo sapiens cDNA 5'	7.0
10	408492	AA555217	Hs.183684	eukaryotic translation initiation factor 4 gamma, 2	7.0
	428894	AA437068	Hs.271736	ESTs	7.0
	419102	AA234058	Hs.42424	ESTs, Weakly similar to 2004399A chromosomal protein	7.0
	429067	AA448019	Hs.104957	ESTs	7.0
	422684	BE581817	Hs.119192	H2A histone family, member Z	7.0
15	424701	NM_005923	Hs.151888	mitogen-activated protein kinase kinase kinase 5	7.0
	412513	AA322599	Hs.5163	ESTs, Weakly similar to AF151840.1 CGI-82 protein [H.	7.0
	443599	AI079559	Hs.134125	ESTs	7.0
	400715			ENSP00000237081:KIAA1217 PROTEIN (FRAGMENT).	7.0
	446514	AW449233	Hs.150847	ESTs	7.0
20	413992	W26276	Hs.136075	RNA, U2 small nuclear	7.0
	402442			Target Exon	7.0
	419497	NM_008410	Hs.90753	Tat-interacting protein (30kD)	7.0
	439575	W79259		gb:cd75c06.r1 Soares_fetal_hear_NbHH19W Homo sapiens	7.0
	407027	U63312		gb:Human cosmid LL12NC01-242E1, ETV6 gene, exons 1B a	7.0

Table 15B

25	Pkey:	Unique Eos probaset identifier number	
	CAT number:	Gene cluster number	
	Accession:	Genbank accession numbers	
30	Pkey	CAT Number	Accessions
	408182	104479_1	AA047854 AA057506 AA053841
	409113	110079_2	AA074897 AA113814 AA064871 AA079329 AA071309 AA084710 AA129030 AA075042 AA074794 AA071453 AA078903 AA148628 AA122204 AA074159 AA125185 AA079117 AA127089 AA070912 AA079280 AA131372 AA078833 AA071087 AA076131 AA071047 AA079401 AA083070 AA102076 AA115163 AA074198 AA134725 AA113889 AA121103 AA075041 AA065148 AA071310 AA101144 AA078559 AA078931 AA079209 AA070928 AA068994 AA069817 AA076187 AA069053 AA131489 AA071308 AA063317 AA070156 AA071430 AA076056 AA075684 AA070053 AA126283 AA126078 AA075895 AA079208 AA074583 AA071086 AA079623 AA070827 AA078802 AA076622 AA065051 AA079143 AA071110 AA079434 AA148748 AA079230 AA085188 AA074485 AA070580 AA078151 AA083166 AA085118 AA079450 AA085044 AA120938 AA079200 AA100188 AA081472 AA122355 AA129031 AA085362 AA069220 AA070940 AA075968 AA074563 AA084027 AA115929
35	409206	1108161_1	AW364844 AW364847 AW937534 AW937593 AW937659
	409857	1156208_1	AW501908 AW502959 AW502540
	410148	1178974_1	AW592655 R05927 R06916
	410536	1207322_1	N39533 AW753084 AW753093
	411298	1237955_1	AW835858 AW835836 AW835823 AW835834 AW835831 AW835832 AW835843 AW835816 AW835833 AW835815 AW835849 AW835835 AW835848 AW835851 AW835852 AW835882 AW835855 AW835825 AW835847 AW835838
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	412647	1317804_1	AW875090 N44182
	413258	1355998_1	BE076114 BE075283 BE076118
	413314	1360034_1	BE081585 BE081717 BE081863 BE081794 BE081659
	413500	1373933_1	BE144914 BE394989
	414076	141490_1	AA467735 AA135210 AW868166 AA467804
	416450	169551_1	AA180467 AA449184 AA464831 AA505048
	417247	1680859_1	NS8024 T58194 T11693 N64222 T05848
	417739	1686190_1	ZA3995 R12357 R34740
45	417881	170544_1	AI879117 AW161351 ZA5755 BE003661 AA206949 AA478541
	418347	174149_1	AA216419 F03238 AA229517
	422429	216468_1	AA310527 AW862295 Z44865 H06641
	423573	229714_1	AA328504 AA327783 AW982370
	426561	269158_1	AA381437 AA628833 AW407275
	428294	289365_1	AA425488 AA486895 F23221
	430146	313552_1	AW815330 AW968170 AI732687 AI732725 AA468343 AA467817 AW063961
	430151	313668_1	AW968203 AI732757 AA470353 AA468025 AA468479 AI734151
	430709	322338_1	R34356 AW969880 AA484613
	430848	324621_1	AW021726 AA487752 AA488085
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	431270	330676_1	BE046609 BE046118 AA501504
	432363	345409_1	AA534408 AW970240 AW970323
	434197	381655_1	AA627223 AA643443 AA650619 AA643463 AA643453 AA643438 AW802964 AW821595 AW821694 AA643431 AA643432 AW827513
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	434410	385798_1	AA632644 AA635376 AA664188
	435910	429182_1	AA926944 AA767974 AA737237
	437056	432282_1	AI147061 AA743380 AA765223 AW976398 AI803927
	439354	47146_1	AF086174 W31798 W04694
	439575	47400_1	W79259 AF086356 W73927
	444314	600667_1	AI140497 AW749625 AW749626 AW749644
	447197	711623_1	R36075 AI388548 R36167
	447383	71990_1	N24231 BE617964 N36313
	450799	847242_1	AW407504 W31274 AI738877
	450872	849959_1	AI742594 AI761387 R31198 AI819332 R31257
60	454355	1130264_1	AW812535 AW812536 AW390307
	454639	1227728_1	AW811633 AW811652 AW811898
	454766	1233905_1	AW819629 AW854320

455037	1249783_1	BE144549 AW851677 AW851643 AW851711 AW851719
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455447	1292444_1	AW936823 AW936821 AW936732 AW936730 AW936781
455855	1375834_1	AW947507 AW947509 AW947791 BE008335
455994	1398737_1	BE147440 BE147708 BE147583 BE147456
457892	432926_1	BE179190 BE179206 BE179182 BE179185 BE179186 BE179194
458080	471050_1	AA744389 AA744270 AA744284 AA744299 AA745380 AA744337 AA846905 AA847698
459115	47705_29	BE142728 AA834047 AW937124
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		AW992312 BE008791 BE082335 BE083504 BE083466 AW997967 AW997991 BE106595 AW843686 AW844334 BE079091 AW603391 BE081427
		BE079514 BE184580 BE009662 BE008722 AW579912 AW860561 AW980184 AW795276 AW860410 AW860411 AW610330 AW860564 AW860578
		AW862519 BE073924 BE008687 BE073957 BE073921 AW274106 BE011060 AW268120 A1335067 AW793748 AW997736 BE080117 AW867987
		A1547161 AW844767 AW293596 AW579444 BE083334 A1547158 AW798883 AA585179 AW992792 AW882215 BE011913 AW997894 A1547159
		AW992772 AW581178 AA092247 AW843816 BE079190 AW878478 BE083548 BE086454 A1469937 AW393594 AW579899 AW939276 BE173265
		AW878631 AW878638 AW992802 BE079913 AA833638 AW369008 BE076580 AW843456 AW992791 BE173247 AW843921 AW843333 AW878334
		BE090236 BE078240 BE066325 AW603276 BE169310 AW817299 BE091841 BE000150 AW898164 AW999462 AW999391 AW882797 AW898438
		AW750687 AW939585 AW940017 A1200402 BE167391 AW839318 AW799837 AW939953 AW939961 BE078188 AA49058 BE076595 AW297451
		BE076544 AW803372 BE081223 AW939237 BE084239 A114202 BE077804 BE078028 AA512912 A1124808 A1147521 A1684682 AW939962
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		AW939423 BE085404 AW579905 BE080994 AW468482 AW876865 BE091581 BE080940 A1811169 AW868888 AW893127 BE080064 BE184254
		AW998350 AW884228 AW992315 AW992364 BE091589 AW750680 BE066386 AA578227 BE091735 AW939830 BE078710 BE087253 BE084182
		AW800859 AW801017 AW581371 BE088300 AW995341 BE090233 AW663788 BE091739 BE080113 AW578162 AW799799 AW992386 AW994673
		BE185170 AW792778 AW663225 BE075590 BE080111 AA682934 BE090227 A175441 BE085684 BE090223 AW581366 BE010705 AW898740
		BE088170 AW992375 BE077833 BE083557 BE010688 AW998450 AW803434 BE083280 AW892655 AA606656 BE088288 BE085893 BE173856
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		BE085411 AW841264 AW603110 BE006134 BE006139 BE006148 BE006147 BE005155 AA578273 BE080406 BE185440 AW946428 AA501840
		AW803114 BE085757 A1460195 AA491146 AA772914 AA632730 AA508388 BE080195 BE185442 BE003446 AW946433 BE080119 BE001352
		AW893003 BE006145 BE085405 BE008880 BE081428 AW581373 AW607246 BE094328 BE001336 AW888170 BE074119 AW884149 BE091734
		BE089744 A1540867 BE185808 BE080183 BE185858 AA476398 BE081040 BE074724 BE085428 BE074725 AW898297 AW867608 BE185788
		AW996734 BE078369 BE081672 BE088178 AA610284 BE088118 AA284217 AW578085 BE074518 BE001359 BE001328 AW882022 AW868196
		AW868190 AW904548 BE006528 BE012037 BE079061 BE005870 AW867804 AW878433 BE008751 BE005875 BE088748 BE093440 BE183050
		AA506676 BE001328 BE008803 BE080123 BE008041 AW994686 AW994675 AW994760 AW994691 AW994681 BE080189 BE080112 AW868173
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		BE184134 BE185224 BE085428 BE008682 AW868181 AW998368 AW886102 BE083507 BE077974 BE008835 BE093439 BE078108 A116987
		BE008788 BE069909 BE093441 BE185502 BE183053 AW750689 BE001812 BE008872 BE081684 BE093445 AW868184 BE081839 BE006797
		AW842067 BE008678 BE008670 BE551820 AW838974 BE081637 BE045696 BE008673 BE010328 BE083250 BE086614 BE082052 BE081424
		BE001678 AW581368 AA503194 AW883721 AW883522 BE085564 AW888717 BE171078 BE078249 BE078194 AA555255 BE083486 AW842081
		AW842080 AW866204 BE008717 AA484369 A1831719 AW997365 BE079327 AA503956 BE091999 AW793952 BE080251 BE078086 BE092515
		BE170384 AW666193 AW067958 BE008042 BE008761 BE081681 BE081671 AW867400 BE082003 BE082253 BE081439 BE081488 BE081682
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		BE006152 BE008795 AW578706 BE080256 BE183894 A1934532 AA486448 AW578899 BE150514 AW863580 AA493588 BE085748 AW753901
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		AA436751 AW639318 BE183883 AW753607 BE008669 BE150446 AA533458 BE079219 AW893884 AW063806 AW063837 AW878478 BE078815
		BE008802 AW992789 BE007925 AW802204 BE011825 BE092130 BE184059 BE078087 BE150568 BE185497 BE078808 AW883761 AW842295
		BE181523 AA484786 AA480390 AW94667 BE073205 AW807318 BE083201 AW802285 AW578700 BE078715 AW860403 AW897458 AW996558
		AW896002 AW860413 AA425412 BE008364 BE160438 AW602606 A1435236 AA574265 A1823745 AA501773 A1002987 AW832749 BE185491
		AW996459 BE001442 AW946425 BE001588 A1524864 BE085556 AW867549 AW804038 BE079832 A1572168 AW99398 AW868304 AW882376
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		BE075407 AW838972 AW070723 AW062201 AW799772 AW862452 AW862451 BE506041 BE161537 AW802206 AW860404 AW860555 BE007843
		AW860832 AW862457 AW998019 AW860405 BE082082 AW603821 BE183386 AW868194 BE075564 BE078184 A1541202 A1204949 BE092461
		AW603111 AA484587 AA484402 AW998676 AW998064 BE069923 BE087965 BE069919 BE092069 AA807842 AW605500 AW805501 BE085409
		AA506738 BE080080 AW749523 AA493134 AW370137 AA491844 AA504425 AW805473 BE092456 BE071082 AW602608 BE078093 AA484911
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		BE183895 BE185278 BE082343 AW846219 BE079199 BE092272 AA586687 AW946109 AW946175 AW946184 BE008365 BE078172 BE085673
		BE078240 BE083194 BE010804 BE079196 AW878638 AW799903 BE001348 BE077883 BE081835 AW992338 BE081012 BE078106 AW881889
		BE008407 BE008410 AW842670 AW503738 BE088661 AA484571 A1799184 BE174545 BE001405 AA436967 AW996884 AW995785 AW896598
		AW883999 BE075967 AA503938 BE092281 BE092279 BE087460 BE087569 BE081542 A1375386 AW843886 BE080116 BE171517 BE079898
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		AA484828 AW578985 BE008400 BE074080 AW805101 BE076110 AW799904 A1205084 BE008370 BE182345 BE182373 BE008401 AA884441
		BE182362 BE182372 BE008414 BE078185 BE009165 BE010288 BE009162 BE009167 BE011006 BE073335 BE182370 AW760556 BE182347
		BE011000 AA484576 BE092982 BE183897 BE092973 AA573037 AW882317 BE081832 AA478471 AA551613 BE182356 AW838886 AW026627
		BE008413 AW898605 AA503658 AA776622 BE084825 AA502971 BE081842 BE010628 AW802218 A1888924 AW867996 AW881775 BE079220
		A1241060 AW802041 AW802005 BE011244 BE087051 AA984758 AA452997 AW992786 AW797500 BE077829 BE080402 AW881780 BE093516
		AW802084 AW369007 BE185123 BE087775 AW801018 BE093443 AW867978 AW843271 BE173850 AW997859 BE0010620 AW982516 AW843908
		BE083200 BE164676 BE074340 AW880289 BE075433 BE008466 AW946438 BE066570 BE093547 AA508107 BE087992 BE076239 BE183881
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		A1620783 AW992550 AW806990 AW577496 AW575304 AW842725 AW842088 AW864691 AW997722 AW842662 BE008233 BE087809 BE083195
		AA287768 AW939691 AW815631 BE001453 AW841903 BE077613 AW577500 BE081479 AW992558 BE001065 AW843187 AW867990 AW898296
		BE074339 AA501697 AW749997 BE076249 AW867991 BE085718 AW994507 BE010678 BE075436 AW368525 AA484467 BE081144 AW577492
		AW997932 AW899089 AW842706 AW890727 AW843175 BE075428 AW843155 AW842679 AW842708 BE069915 AW842721 AW438792 A1251478
		BE069911 BE067054 BE079889 BE075453 BE089827 AA491920 BE170506 BE182305 BE080052 AW843408 BE011076 BE075989 AA525261
		AW391518 BE079202 AA658195 BE076138 AW799901 AA493859 AW992510 BE011610 AA508724 BE075498 BE075681 AA258982 BE078726
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		AW992545 BE075806 AW994808 BE350368 AA557838 BE077682 AW846880 AW883431 BE085872 AW839887 AW843390 AW868404 AA578417
		BE074115 AW842880 AW277193 AW890728 AW605111 BE083940 AW890710 BE085550 AW868180 AW896778 BE086925 BE011054 BE075985
		AW842868 AW868310 BE011071 BE075429 AW843152 AW905848 BE075397 AW842762 BE075402 BE077950 AW837810 BE079998 BE183965

BE075431 AW815917 AW998359 AW799883 AW603782 AA557480 AW841444 BE075915 AA548034 AW843393 AW391559 BE083265 AW939721  
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 AW605626 AW939398 AA507280 AA506317 AW841230 AW992519 AA465332 AA425246 BE090234 BE090238 AA483259 AA451961 AA535566  
 AA506406 AA888571 AA503568 AA507190 AA532944 AA501672 BE168634 AA492022 AA507662 AW842286 AA494226 AA776038 AA442419  
 AW579900 BE171816 AA863065 AA491916 AA447490 AA461423 AA434543 AA243279 AW997466 AW603740 BE000295 AA658571

TABLE 15C

Pkey: Unique number corresponding to an Eos probeset  
 Ref: Sequence source. The 7 digit numbers in this column are Genbank identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled "The DNA sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.  
 Strand: Indicates DNA strand from which exons were predicted.  
 Nt\_position: Indicates nucleotide positions of predicted exons.

Pkey	Ref	Strand	Nt_position
400715	8118886	Minus	80151-80287
400738	8118985	Plus	143447-143851
401008	8117391	Minus	81421-81561,82364-82512,82862-82938
401069	3927852	Minus	45682-45831
401375	7417809	Minus	6121-6766
401405	7768126	Minus	69278-69452,69548-69958
401539	8072433	Minus	62028-62608
401557	8098066	Minus	112785-112924
401854	9097132	Minus	64695-64797
401940	3738108	Plus	153460-153592
402025	7547159	Plus	173835-173998
402442	9796503	Plus	145714-141842,142010-142122
402882	8138477	Minus	147522-147795
402796	3646083	Minus	6128-6265,6416-6689
402967	5360987	Minus	33518-34546
403038	7717439	Minus	290021-290284
403055	8748904	Minus	109632-110225
403310	8139936	Minus	183863-184026
403397	9438368	Minus	84481-84655
403839	4176355	Plus	21201-22223
404110	9212839	Minus	18344-18510
404495	8151634	Minus	59449-60477
404534	8247909	Minus	147853-148086
404630	9796885	Plus	74495-74715
404649	9796826	Minus	100027-100399
404880	9797204	Minus	159810-159979,160213-160321,161023-161304,162862-163140,164480-164644,166404-168530,168936-167083,167392-167522
404914	7341780	Plus	92603-92827
405417	4753290	Minus	50704-51499
405454	7656675	Plus	133807-134053
405510	7630909	Minus	101028-101174
405514	9454624	Plus	35853-36151
405536	9795661	Plus	164091-164162,164397-164516,166720-166790,167785-167935
406016	8272861	Plus	41341-41940
406410	9256394	Minus	115806-116104
406464	9789674	Plus	72161-72562
406562	7711594	Plus	37316-37426

TABLE 16A: 200 GENES DOWN-REGULATED IN CERVICAL CANCER COMPARED TO NORMAL ADULT CERVIX

Table 16A shows 200 genes down-regulated in cervical cancer compared to normal adult cervix. These were selected as for Table 15A, except that the numerator and denominator were switched, the median value amongst normal cervixes was greater than or equal 40 units, and the ratio was greater than or equal to 3.0 (i.e. 3-fold down-regulated in tumor vs. normal cervix).

Pkey: Unique Eos probeset identifier number  
 ExAccn: Exemplar Accession number, Genbank accession number  
 UnigenelD: Unigene number  
 Unigene Title: Unigene gene title  
 R1: Ratio of cervical cancer to normal cervix

Pkey	ExAccn	UnigenelD	Unigene Title	R1
453596	AA441838	Hs.62905	hypothetical protein FLJ14834	18.1
443912	R37257	Hs.184780	ESTs	16.8
420923	AF097021	Hs.273321	differentially expressed in hematopoietic lineages	13.6
414422	AA147224	Hs.337232	Homeo box A13	13.1
420058	AK001423	Hs.94694	Home sapiens cDNA FLJ10581 fls, clone NT2RP2002672	12.9
412639	AW961284	Hs.296235	ESTs	12.4

	418994	AA286520	Hs.89546	selectin E (endothelial adhesion molecule 1)	12.4
	407938	AA905097	Hs.85050	phospholamban	11.3
	410544	AI446543	Hs.95511	ESTs	11.3
5	413802	AW964490	Hs.32241	ESTs, Weakly similar to S65657 alpha-1C-adrenergic rece	11.1
	423690	AA329648	Hs.23804	ESTs, Weakly similar to P40099 son3 protein [H.sapiens]	11.0
	420574	NM_000055	Hs.1327	butyrylcholinesterase	10.9
	453060	AW294092	Hs.21594	hypothetical protein MGC15754	10.6
	424765	AA428211	Hs.284256	hypothetical protein FLJ14033 similar to hypoxia induci	10.5
10	452105	AI141031	Hs.21342	ESTs	9.5
	428780	AI478578	Hs.60536	ESTs	9.5
	431708	AI816086	Hs.296341	adenylyl cyclase-associated protein 2	9.2
	419589	AW973708	Hs.201925	Homo sapiens cDNA FLJ13446 fis, clone PLACE1002968	9.0
	430468	NM_004673	Hs.241519	angiotensin-like 1	9.0
15	443790	NM_003500	Hs.9795	acyl-Coenzyme A oxidase 2, branched chain	8.7
	448944	AB014605	Hs.22599	atrophin-1 interacting protein 1; activin receptor like	8.6
	401486	NA		C4000647"gi4758506 ref NP_004253.1  airway trypsin-li	8.4
	417511	AL048176	Hs.82223	chordin-like	8.3
	429900	AA460421	Hs.30875	ESTs	8.2
20	411908	L27943	Hs.72924	cytidine deaminase	8.0
	408134	AK000184	Hs.42945	acid sphingomyelinase-like phosphodiesterase	8.0
	448543	AW897741	Hs.21380	Homo sapiens mRNA; cDNA DKFZp586P1124 (from clone DKFZp	8.0
	437846	AA773866	Hs.244569	esophagus cancer-related gene-2	8.0
	421666	AL035250	Hs.1408	endothelin 3	7.9
25	450164	AB239923	Hs.30098	ESTs	7.9
	412642	BE244698	Hs.809	hepatocyte growth factor (hepatopoietin A; scatter factor	7.7
	425608	AA360486	Hs.92448	ESTs	7.6
	442748	AI016713	Hs.135787	ESTs	7.3
	415672	N53097	Hs.193579	ESTs	7.2
30	414175	AI308876	Hs.103849	hypothetical protein DKFZp761D112	7.2
	409601	AF237621	Hs.80828	keratin 1 (epidermolytic hyperkeratosis)	7.0
	424634	NM_003813	Hs.151407	cartilage intermediate layer protein, nucleotide pyroph	6.7
	414214	D49958	Hs.75819	glycoprotein M6A	6.5
	436637	AI783629	Hs.25765	ESTs	6.5
35	408821	AI970672	Hs.46638	chromosome 11 open reading frame 8	6.5
	432101	AI918950	Hs.123542	EphA3	6.3
	458440	AK095468	Hs.135254	Homo sapiens clone 1 thrombospondin mRNA, complete cds	6.3
	424153	AA451737	Hs.141496	MAGE-like 2	6.3
	420228	R25023	Hs.12369	ESTs	6.2
40	418390	AF133820	Hs.84665	titin immunoglobulin domain protein (myosin)	6.1
	444931	AV652066	Hs.75113	general transcription factor IIA	6.1
	449394	AA004388	Hs.18180	Homo sapiens cDNA FLJ11550 fis, clone HEMBA1002970	6.1
	426849	AJ000512	Hs.296323	serum glucocorticoid regulated kinase	6.1
	410425	BE278367	Hs.63510	KIAA0141 gene product	6.0
45	410765	AI694972	Hs.86180	nucleosome assembly protein 1-like 2	6.0
	424973	X82521	Hs.154057	matrix metalloproteinase 19	6.0
	436547	AJ297351	Hs.30824	leucine zipper transcription factor-like 1	5.9
	429414	AI783656	Hs.202095	empty spiracles (Drosophila) homolog 2	5.9
50	440594	AW445167	Hs.128036	ESTs	5.9
	452768	AW069459	Hs.61539	ESTs	5.9
	427689	AW451832	Hs.255938	ESTs, Moderately similar to KIAA1200 protein [H.sapiens]	5.9
	448533	AL119710	Hs.21365	nucleosome assembly protein 1-like 3	5.9
	425010	T16837	Hs.4241	ESTs	5.9
	426342	AF093419	Hs.169378	multipla PDZ domain protein	5.8
55	437880	R50393	Hs.278436	KIAA1474 protein	5.8
	425292	NM_005824	Hs.155545	37 kDa leucine-rich repeat (LRR) protein	5.7
	404097	NA		C5000242"gi3369379 gb AAE67128.1 AC006434_24 (AC00643	5.7
	422546	AB007969	Hs.301478	KIAA0500 protein	5.7
	445872	AI681573	Hs.288671	Homo sapiens cDNA FLJ11997 fis, clone HEMBB1001458	5.7
60	429999	AI761902	Hs.99597	ESTs	5.6
	453354	W55946	Hs.234883	Homo sapiens cDNA FLJ12082 fis, clone HEMBB1002492	5.6
	442082	RA1823	Hs.7413	ESTs	5.5
	452073	AA625150	Hs.82098	ESTs	5.4
	430032	AW936136	Hs.99610	ESTs	5.4
65	408767	AA057279	Hs.211928	ESTs	5.4
	433234	AB040928	Hs.65366	KIAA1495 protein	5.3
	431708	AI698136	Hs.108873	ESTs	5.3
	421200	AA264811	Hs.264433	ESTs	5.2
	435133	AJ010482	Hs.31412	Homo sapiens cDNA FLJ11422 fis, clone HEMBA1001008	5.2
70	408643	AW450866	Hs.257359	ESTs	5.1
	416676	AW392022	Hs.79507	KIAA0582 protein	5.1
	420357	U94333	Hs.97199	complement component C1q receptor	5.0
	417355	D13168	Hs.82002	endothelin receptor type B	5.0
	423448	AK000776	Hs.128753	Homo sapiens cDNA FLJ20769 fis, clone COL66674	5.0
75	430965	AA489732	Hs.154918	ESTs	4.9
	416968	X04430	Hs.93913	Interleukin 6 (interferon, beta 2)	4.9
	447471	AF039843	Hs.18676	sprouty (Drosophila) homolog 2	4.8
	404485	NA		Target Exon	4.8
	429594	AK001128	Hs.210297	Homo sapiens cDNA FLJ10266 fis, clone HEMBB1001024	4.8
80	417692	R09338	Hs.50724	Homo sapiens cDNA FLJ10934 fis, clone OVARC1000640	4.8
	432304	AA932186	Hs.69297	ESTs	4.7
	430895	U66581	Hs.248121	G protein-coupled receptor 22	4.7
	448851	AB582207	Hs.177166	ESTs	4.7
	405523			CB001409"gi7441226 pir S31212 collagen alpha 1(XV)	4.7

	450656	AA010539	Hs.18912	ESTs	4.6
	422942	AF054839	Hs.122540	telraspan 2	4.6
	401479	T49304	Hs.110950	Rag C protein	4.6
5	444192	AW469413	Hs.151145	ESTs	4.6
	439546	AW780192	Hs.267596	ESTs	4.5
	410378	R23324	Hs.41693	DnaI (Hsp40) homolog, subfamily B, member 4	4.5
	444702	AI220122	Hs.326560	hypothetical protein MGC2780	4.5
	410909	AW898161	Hs.53112	ESTs, Moderately similar to ALU8_HUMAN ALU SUBFAMILY SX	4.5
10	452249	BE394412	Hs.202095	empty spiracles (Drosophila) homolog 2	4.5
	430376	AW292053	Hs.12532	chromosome 1 open reading frame 21	4.5
	411037	BE145915	Hs.89472	ESTs	4.4
	442803	AI675298	Hs.199917	ESTs	4.4
	414831	M31158	Hs.77439	protein kinase, cAMP-dependent, regulatory, type II, be	4.4
15	400628	NA		C10001871:g 1705533 sp P32018 CA1E_CHICK COLLAGEN ALP	4.3
	414629	AA345824	Hs.75668	carboxylesterase 1 (monocyte/macrophage serine esterase	4.3
	437110	AL049240	Hs.144995	ESTs	4.2
	410546	W79408	Hs.50745	ESTs	4.2
	456304	AI820973		gbnc21c02.y5 NCL CGAP_Pr1 Homo sapiens cDNA clone, mRN	4.2
20	401270			Target Exon	4.2
	419447	BE092696	Hs.75928	ESTs	4.2
	414807	AI738816	Hs.77348	hydroxyprostaglandin dehydrogenase 15-(NAD)	4.2
	427019	AA001732	Hs.173233	hypothetical protein FLJ10970	4.2
	434469	AA634806		gbab28c02.r1 Stratagene lung (937210) Homo sapiens cDN	4.1
25	444618	AV853785	Hs.173334	ELL-RELATED RNA POLYMERASE II, ELONGATION FACTOR	4.1
	416947	W52990	Hs.22860	ESTs	4.1
	416434	AW163045	Hs.79334	nuclear factor, Interleukin 3 regulated	4.0
	454736	BE184348		gb:CMO-HT0676-010500-355-e11 HT0676 Homo sapiens cDNA,	4.0
	407945	X69208	Hs.606	ATPase, Cu transporting, alpha polypeptide (Menkes synd	4.0
30	447499	AW262580	Hs.147674	protocadherin beta 16	4.0
	430686	NM_001942	Hs.2533	desmoglein 1	4.0
	409882	AJ243191	Hs.65874	heat shock 27kD protein family, member 7 (cardiovascula	3.9
	419047	AW952771	Hs.90043	ESTs	3.9
	414272	AI651603	Hs.46988	ESTs	3.9
35	443808	AW377736	Hs.12420	ESTs	3.9
	426883	H21520	Hs.35088	ESTs	3.9
	410659	AI080175	Hs.88826	ESTs	3.9
	431292	AA370141	Hs.2281	chromogranin B (secretogranin 1)	3.9
	432181	AA527650	Hs.156037	ESTs	3.9
40	422890	Z43784	Hs.75893	ankyrin 3, node of Ranvier (ankyrin G)	3.8
	453296	AA034413	Hs.62560	ESTs	3.8
	400678	NA		Target Exon	3.8
	401103	NA		C12001233:g 7305361 ref NP_038652.1  otogelin [Mus mus	3.8
45	436670	AI690021	Hs.201536	ESTs	3.7
	432251	AW972983	Hs.232165	polycythemia rubra vera 1; cell surface receptor	3.7
	408793	BE258371	Hs.254660	ESTs	3.7
	419093	AI804054	Hs.112885	spinal cord-derived growth factor-B	3.7
	434844	AF157116	Hs.22350	hypothetical protein LOC56757	3.7
	450776	NM_007250	Hs.320861	Kruppel-like factor 8	3.7
50	437140	AA312799	Hs.283689	activator of CREM in testis	3.6
	418421	R58620	Hs.85050	phospholamban	3.6
	443476	AW068594	Hs.133678	ESTs, Weakly similar to YCD1_HUMAN HYPOTHETICAL PROTEIN	3.6
	417194	N53793		gbcy07a01.r1 Soares_multiple_sclerosis_2NblHMSF Homo sa	3.6
	443667	AI077540	Hs.134090	ESTs	3.6
55	451878	AI821030		gbcyb52f11.y5 Stratagene ovary (937217) Homo sapiens cD	3.6
	421013	M62387	Hs.1345	mutated in colorectal cancers	3.5
	451896	AF196304	Hs.27197	SUMO-1-specific protease	3.5
	413237	AI468574	Hs.171965	ESTs	3.5
	424636	AA453734	Hs.10198	ESTs	3.5
60	432660	AI288430	Hs.64004	ESTs	3.5
	414681	AL079440	Hs.74002	nuclear receptor coactivator 1	3.5
	400802	NA		Target Exon	3.5
	430015	AW768399	Hs.112157	ESTs	3.5
	451978	AW813747	Hs.27371	Homo sapiens mRNA; cDNA DKFZp566J123 (from clone DKFZp5	3.5
65	449088	AI654048	Hs.198556	ESTs	3.5
	425113	AI936992	Hs.154653	pleckstrin and Sec7 domain protein	3.5
	458459	AI124553	Hs.48965	Homo sapiens cDNA: FLJ21693 fis, clone COL08609	3.5
	420249	BE262895	Hs.276916	nuclear receptor subfamily 1, group D, member 1	3.5
	401159	NA		Target Exon	3.5
70	442789	AW904361	Hs.131191	ESTs, Weakly similar to ALU7_HUMAN ALU SUBFAMILY SQ SEQ	3.5
	426083	AW962712	Hs.126712	ESTs, Weakly similar to AF191020.1 E2IG5 [H.sapiens]	3.4
	407118	AA156790	Hs.262036	ESTs, Weakly similar to ZZZ3_HUMAN ZINC FINGER PROTEIN	3.4
	423587	AA328074	Hs.284258	hypothetical protein FLJ14033 similar to hypoxia induc	3.4
	443178	AI631241	Hs.47312	ESTs	3.4
75	430694	AA810824	Hs.30936	ESTs, Weakly similar to H2BH_HUMAN HISTONE H2B H [H.sap	3.4
	423073	BE252822	Hs.123119	MAD (mothers against decapentaplegic, Drosophila) homol	3.4
	437950	U79244	Hs.112642	ESTs	3.3
	419368	AI753518	Hs.209464	KIAA1604 protein	3.3
	447335	BE817695	Hs.285192	hypothetical protein FLJ20940	3.3
80	451388	AI793124	Hs.144479	ESTs	3.3
	452814	AI092790	Hs.334703	hypothetical protein FLJ14629	3.3
	407570	Z16002	Hs.37096	zinc finger protein 145 (Kruppel-like, expressed in pro	3.3
	412295	AW068826	Hs.117176	poly(A)-binding protein, nuclear 1	3.3
	447261	NM_006691	Hs.17917	extracellular link domain-containing 1	3.3

444216	D25303	Hs.222	Integrin, alpha 9	3.3
418771	AA807881	Hs.25329	ESTs	3.3
433036	AA574091	Hs.105964	ESTs	3.2
404584			Target Exon	3.2
404195			NM_015718*:Homo sapiens NADPH oxidase 3 (NOX3), mRNA, V	3.2
428819	AL135623	Hs.193914	KIAA0575 gene product	3.2
425198	AA362090	Hs.128003	hypothetical protein FLJ21213	3.1
420833	R47948	Hs.188732	ESTs	3.1
413155	AA127133		gb:z187e03.r1 Stralagene colon (937204) Homo sapiens cD	3.1
413607	T64741		gb:yc48f11.r1 Stralagene liver (937224) Homo sapiens cD	3.1
443980	AK093577	Hs.255416	hypothetical protein FLJ21986	3.1
428790	AF023456	Hs.193558	protein phosphatase, EF hand calcium-binding domain 2	3.1
434520	AA205273	Hs.177011	hypothetical protein	3.1
432247	AA531287	Hs.105805	ESTs	3.1
429303	AW137635	Hs.44238	ESTs, Weakly similar to S65857 alpha-1C-adrenergic reca	3.1
439734	AC005013	Hs.149	cAMP response element-binding protein CRE-BPa	3.1
433546	AI075877	Hs.125461	hypothetical protein FLJ11539	3.0
430317	AB020645	Hs.239189	glutaminase	3.0
425130	AA448208	Hs.99163	ESTs	3.0
444195	AB002351	Hs.10587	KIAA0353 protein	3.0
409007	AL122107	Hs.49599	Homo sapiens mRNA; cDNA DKFZp434G0827 (from clone DKFZp	3.0
453773	AL133761		gb:DKFZp761C1413_r1 761 (synonym: hamy2) Homo sapiens c	3.0
442974	AI025870	Hs.109308	ESTs, Weakly similar to leucine-rich glioma-inactivated	3.0
446936	H10207	Hs.47314	ESTs	3.0
454086	AW885909	Hs.6975	PRO1073 protein	3.0
420271	AI954365	Hs.42892	ESTs	3.0
435545	AA687415	Hs.28107	ESTs	3.0
445175	AV652851	Hs.20255	ESTs	3.0

## 30 TABLE 16B

Pkey: Unique Eos probeset identifier number  
 CAT number: Gene cluster number  
 Accession: Genbank accession numbers

Pkey	CAT Number	Accessions
413156	135116_1	AA127133 AA384396 AW958912 T72119
413607	1379911_1	T64741 BE158393 BE152805
417194	1657323_1	N53793 N53716 N53739
434469	387447_1	AA534805 C18732 AA729161 AA729860
451879	888642_1	AI821030 T47126 AI821318
453773	880699_1	AL133761 AL133767
454738	1232235_1	BE184348 AW817453 BE011068
456304	176820_1	AI820973 AI734077 AI820984 AA225796 AA225060 AA225101

## 50 TABLE 16C

Pkey: Unique number corresponding to an Eos probeset  
 Ref: Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled "The DNA sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.  
 Strand: Indicates DNA strand from which exons were predicted.  
 Nt\_position: Indicates nucleotide positions of predicted exons.

Pkey	Ref	Strand	Nt_position
400628	3818355	Plus	41851-41984
400802	8567867	Minus	174571-174858
400878	9864757	Plus	31493-32842
401103	8568122	Minus	98330-98449
401159	6087118	Minus	3180-3853
401270	9797168	Minus	141659-141813
401485	7341763	Plus	32585-32756,36281-36540,40791-40933,44018-44179
404097	7770701	Plus	55512-55781
404195	3805917	Minus	39186-39332
404485	8096921	Plus	75166-75264,124036-124232
404584	9857511	Plus	138651-139153
405523	9454643	Plus	114550-114688,117255-117407,118490-119599,123237-123395,131140-131217

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TABLE 17A: 605 genes upregulated in testicular cancer relative to normal body tissues

Table 17A lists about 605 genes upregulated in cervical cancer relative to normal body tissues that are likely to encode proteins amenable to modulation by small molecules, peptides, or antibodies. These genes were selected from 59680 probesets on the Eos/Affymetrix Hu03 Genechip array. Gene expression data for each probeset obtained from this analysis was expressed as average intensity (AI), a normalized value reflecting the relative level of mRNA expression. The protein products of these genes often contain one or more domains indicative of have oncogenic function or of transducing intracellular signals, or of being modifiable by small molecules, peptides, or antibodies (e.g. kinase, death-domain, 7tm, phosphatase, or ion transporter). Certain predicted protein domains are noted.

80 Pkey: Unique Eos probeset identifier number  
 ExAccession: Exemplar accession number, GenBank accession number  
 UniGeneID: UniGene number  
 Pred.Prod.Domains: Certain predicted protein domains. Abbreviations used: TM, transmembrane domain; SS, signal sequence; =Y, very likely to contain; =M,



likely to contain; other protein domain abbreviations are from PFAM (Nucleic Acids Research, 2002, 30:276-280).  
 UniGene Title: UniGene gene title  
 R1 95th percentile of cervical cancer AIs divided by the 50th percentile of normal tissue AIs, where the 10th percentile of all normal tissue AIs was subtracted from both the numerator and denominator

Pkey; ExAcon; UnigenelD; Unigene Title; Pred.Prod.Domains; R1

408522; AI541214; Hs.46320; Small proline-rich protein SPRK [human; none; Cornifin; 33.942  
 422166; AA586894; Hs.112408; S100 calcium-binding protein A7 (psoriasis; ehand, S\_100; TM=M; SS=N; 33.05  
 424098; AF077374; Hs.139322; small proline-rich protein 3; Cornifin; TM=M; SS=N; 32.856  
 422156; L10343; Hs.112341; protease inhibitor 3, skin-derived (SKAL; wap; TM=M; SS=Y; 29.604  
 433091; Y12642; Hs.3186; lymphocyte antigen 6 complex, locus D; UPAR\_LY6, toxin, Activin\_recp; TM=M; SS=Y; 27.95064945  
 421948; L42583; Hs.334309; keratin 6A; filament, RhoGAP, DUF286, bZIP, Tropomyosin, tubulin, DUF164, TBCA, Collagen; TM=M; SS=N; 26.778  
 446292; AF081497; Hs.279682; Rb type C glycoprotein; Anionium transp, Fec CD; TM=Y; SS=M; 26.1133829  
 407242; M16728; ; gbHuman nonspecific crossreacting anti; Ig; TM=M; SS=M; 23.382  
 424687; J05070; Hs.151738; matrix metalloproteinase 9 (gelatinase B; fn2, hemopexin, Peptidase\_M10; 22.622  
 412718; AW016610; Hs.816; ESTs; none, none; 21.198  
 406650; M2540; Hs.220525; carcinoembryonic antigen-related cell ad; Ig; TM=M; SS=M; 20.028  
 402075; ; ENSP00000251056; Plasma membrane calcium; none; 19.038  
 431958; X03629; Hs.2877; cadherin 3, type 1, P-cadherin (placenta; cadherin, Cadherin\_C\_term; TM=Y; SS=M; 17.92061281  
 412471; M63193; Hs.73946; endothelial cell growth factor 1 (plate; Glycos\_transf\_3, Glycos\_trans\_3N; TM=M; SS=M; 17.8978979  
 417308; H60720; Hs.81892; KIAA0101 gene product; none; TM=M; SS=N; 17.06333333  
 429259; AA420450; Hs.380088; Plakophilin; none, none; 17.08235294  
 417079; U65590; Hs.81134; interleukin 1 receptor antagonist; IL1; 16.91568628  
 439926; AW014875; Hs.137007; ESTs; none, none; 16.69  
 419693; AA133749; Hs.301350; FYD domain-containing ion transport reg; ATP1G1\_PLM\_MAT8; TM=Y; SS=M; 16.365  
 413763; U17760; Hs.75517; laminin, beta 3 (nctek (125kD), kallidin; laminin\_EGF, laminin\_Nterm; 15.75294118  
 413278; BE563085; Hs.833; Interferon-stimulated protein, 15 kDa; ubiquitin; 15.48600599  
 401781; ; Target Exon; filament; TM=M; SS=N; 15.43668831  
 420440; NM\_002407; Hs.97644; mammaglobin 2; Uteroglobulin; 15.394  
 441633; AW958544; Hs.112242; normal mucosa of esophagus specific 1; none; TM=M; SS=M; 15.12264151  
 452240; AI591147; Hs.61232; ESTs; none, none; 14.63  
 428957; NM\_003681; Hs.194679; WNT1 inducible signaling pathway protein; esp\_1, vwc, IGFBP; TM=M; SS=M; 14.49772727  
 414957; AA524394; Hs.294022; hypothetical protein FLJ14950; SH2; TM=M; SS=N; 14.4389313  
 432374; W68816; Hs.301885; Homo sapiens cDNA FLJ11346 fis, clone PL; none, none; 14.00909091  
 400289; X07820; Hs.2258; matrix metalloproteinase 10 (stromelysin; hemopexin, Peptidase\_M10, Astacin; 13.824  
 414812; X72755; Hs.77387; monokine induced by gamma interferon; IL8; TM=M; SS=Y; 13.7754356  
 421552; AF026892; Hs.105700; secreted frizzled-related protein 4; Fz, NTR; 13.74596843  
 400284; ; NM\_000125; Homo sapiens estrogen receptor; hormone\_rec, zfc4, Oest\_recep; TM=M; SS=M; 13.31578047  
 428227; AA321648; Hs.2248; small inducible cytokine subfamily B (Cy; IL8; TM=M; SS=Y; 13.05294118  
 411274; NM\_002776; Hs.69423; kallikrein 10; trypsin; TM=M; SS=N; 13.038  
 406687; M31126; Hs.352054; matrix metalloproteinase 11 (stromelysin; hemopexin, Peptidase\_M10; 13.00311527  
 427666; AI791495; Hs.160142; calmodulin-like eldn protein (CLSP); ehand; TM=M; SS=N; 12.78  
 400301; X03535; Hs.1657; estrogen receptor 1; F-box, hormone\_rec, zfc4, Oest\_recep, ehand, zinc, ketoacyl-synth, pp-binding, Acyl\_transf, Thioesterase, ketoacyl-synth\_C, AAA, E7, FFX\_DNA\_binding; TM=M; SS=N; 12.472  
 410001; AB041036; Hs.67771; kallikrein 11; trypsin; TM=M; SS=M; 12.47  
 422310; AA316622; Hs.98370; cytochrome P450, subfamily IIS, polypept; none, plnase, fn3; 12.28597122  
 430630; AW269920; Hs.2821; cystatin A (stealin A); cystatin; TM=M; SS=N; 12.13379205  
 437044; AL035864; Hs.69517; differentially expressed in Fanconi's an; none; TM=M; SS=M; 12.04945055  
 418462; BE001598; Hs.85266; Integrin, beta 4; fn3, Integrin\_B, Cdx-beta, EGF; TM=M; SS=M; 11.95538462  
 443859; NM\_013409; Hs.9914; folistatin; kazal; 11.95467422  
 426350; NM\_003245; Hs.2022; transglutaminase 3 (E polypeptida, prota; Transglutamin\_N, Transglutamin\_C, Transglut\_core; TM=M; SS=N; 11.61  
 408243; Y00767; Hs.624; interleukin 8; HLH, PAS, IL8; TM=M; SS=N; 11.564  
 444781; NM\_014400; Hs.11950; GPI-anchored metastasis-associated prote; UPAR\_LY6, lactamase\_B; 11.55285714  
 428484; AF104032; Hs.184601; solute carrier family 7 (cationic amino; aa, permeases, pyridoxal\_deC, bromodomain, PHD, MBD, AT\_hook, DDT, PI3\_P14\_kinase, FAT, FATC, SoA, RUN; TM=M; SS=N; 11.47956989  
 418683; AK001100; Hs.41690; desmocollin 3; cadherin, Cadherin\_C\_term; none; 11.458  
 433001; AF217513; Hs.278905; clone HQ0310 PRO0310p1; none; 11.45352113  
 423217; NM\_000084; Hs.1640; collagen, type VII, alpha 1 (epidermolys; Kuritz\_BPTI, fn3, vwa, Collagen, beta-lactamase; TM=M; SS=M; 11.32234432  
 428970; BE276891; Hs.194691; retinoic acid induced 3 (RAIG1); melabo; 7tm\_3; TM=Y; SS=M; 11.28686327  
 424834; AK001432; Hs.153408; Homo sapiens cDNA FLJ10570 fis, clone NT; none, none; 11.076  
 451541; BE279383; Hs.28557; plakophilin 3; Armadillo\_seg; TM=M; SS=N; 11.0381579  
 418478; U38945; Hs.1174; cyclin-dependent kinase inhibitor 2A (me; ant; 11  
 423673; BE003054; Hs.1695; matrix metalloproteinase 12 (macrophage; hemopexin, Peptidase\_M10; TM=M; SS=M; 11  
 425071; NM\_013988; Hs.154424; deiodinase, iodolthyronine, type II; T4\_deiodinase; TM=M; SS=Y; 10.83859849  
 437938; AI950087; Hs.368628; gb:wg05c02x1 NCL\_CGAP\_Kid12 Homo sapiens; none, none; 10.78064516  
 425367; BE271188; Hs.155975; protein tyrosine phosphatase, receptor t; none; TM=M; SS=Y; 10.74825175  
 439705; AW872527; Hs.69761; ESTs, Weakly similar to DAP1\_HUMAN DEATH; none, none; 10.542  
 437897; AA770561; Hs.148170; hypothetical protein FLJ22968; zfc-DHHC; none; 10.49538462  
 431629; AU077025; Hs.265827; Interferon, alpha-inducible protein (do; none; TM=M; SS=Y; 10.48210735  
 411558; AA102670; Hs.70725; gamma-aminobutyric acid (GABA) A receptor; Neur\_chan\_LBD, Neur\_chan\_memb; TM=Y; SS=M; 10.26714266  
 409142; AL136877; Hs.60758; SMC4 (structural maintenance of chromoso; ABC\_tran, SMC\_N, SMC\_C, DUF164; none; 10.142  
 421508; NM\_004833; Hs.105115; absent in melanoma 2; PAAD\_DAPIN, HIN; TM=M; SS=N; 10.1  
 418541; BE243136; Hs.86947; a disintegrin and metalloproteinase doma; disintegrin, Reprolysin, Pep\_M12B\_propep, EGF; TM=Y; SS=M; 10.072  
 425397; J04088; Hs.155345; topoisomerase (DNA) II alpha (170kD); DNA\_gyraseB, DNA\_topoisolv, HATPase\_c; 9.89636386  
 414035; Y00630; Hs.75716; serine (or cysteine) proteinase inhibitor; serpin; 9.896825397  
 421506; BE302796; Hs.105097; thymidine kinase 1, soluble; TK; TM=M; SS=N; 9.888888889  
 407788; AA587538; Hs.38972; tetraspan 1; transmembrane4; TM=Y; SS=M; 9.876056338  
 424441; X14850; Hs.147097; H2A histone family, member X; histone, CBFD\_NFYB\_HMF; 9.851635514  
 438091; AW373052; Hs.351546; nuclear receptor subfamily 1, group I, m; hormone\_rec, zfc4, none; 9.840720222  
 413858; AW992358; Hs.8364; Homo sapiens pyruvate dehydrogenase kinase; SAM\_PNT; none; 9.823170732  
 408000; L11693; Hs.198589; bullous pemphigoid antigen 1 (230/240kD); ehand, spectrin, GAS2, SH3, Plectin, RA, Xylose\_isom, F1D, bZIP, Tropomyosin, Myo-LZ, Myd\_C, CH2AIP3; TM=M; SS=N; 9.812



- 409893; AW247090; Hs.57101; minichromosome maintenance deficient (S; MCM,akdo\_ket\_red;TM=M;SS=N; 9.787878788  
442589; AF078037; Hs.324051; RetA-associated inhibitor; SH3,ank;TM=M;SS=N; 9.637037037  
425650; NM\_001944; Hs.1925; desmoglein 3 (pemphigus vulgaris antigen; cadherin;TM=M;SS=M; 9.556  
417900; BE250127; Hs.82906; CDC20 (cell division cycle 20, S. cerevisiae); WD40;TM=M;SS=N; 9.558  
444946; AW139205; Hs.156457; hypothetical protein FLJ22408; abhydrolase,abhydrolase\_2;TM=Y;SS=M; 9.55  
421481; AW391972; Hs.104696; KIAA1324 protein; none;TM=M;SS=M; 9.52905873  
408591; AF015224; Hs.46452; mannanaglobin 1; Uteroglobulin;TM=M;SS=M; 9.506  
444391; BE387335; Hs.283713; hypothetical protein BC014245; Collagen;TM=M;SS=M; 9.477981433  
444006; BE395085; Hs.334762; type I transmembrane protein Fm14; kL\_receptL\_a,PKD,MHC\_J;TM=M;SS=Y; 9.415151515  
413719; BE439680; Hs.75498; small inducible cytokine subfamily A (Cy; IL8; 9.408  
424364; AW383228; Hs.163834; ESTs, Weakly similar to G01763 atrophin-; ras;TM=M;SS=N; 9.36  
429002; AW248439; Hs.2340; junction plakoglobin; Armadillo\_seg;TM=M;SS=N; 9.316693431  
421379; Y15221; Hs.103982; small inducible cytokine subfamily B (Cy; IL8;TM=M;SS=Y; 9.31  
418004; U37519; Hs.87539; aldehyde dehydrogenase 3 family, member ; aldedh;TM=M;SS=M; 9.29  
454034; NM\_000691; Hs.5375; aldehyde dehydrogenase 3 family, member ; aldedh; 9.264  
417389; BE260964; Hs.82045; midkine (neurite growth-promoting factor; PTN\_MK;TM=M;SS=Y; 9.241561181  
445033; AV652402; Hs.72901; cyclin-dependent kinase inhibitor 2B (p1; ank; 9.207272727  
443426; AF098158; Hs.9329; chromosome 20 open reading frame 1; none;TM=M;SS=N; 9.195167286  
439223; AW238299; Hs.250618; UL16 binding protein 2; kL\_receptL\_a,PKD,MHC\_J;TM=M;SS=Y; 9.108  
428758; AA433958; Hs.98502; CA125 antigen; mucin 16; SEA;TM=Y;SS=N; 9.028  
421777; BE562088; Hs.108196; HSPC037 protein; none;TM=M;SS=N; 9.004  
448988; Y09763; Hs.22785; gamma-aminobutyric acid (GABA) A receptor; Neur\_chan\_LBD,Neur\_chan\_memb;TM=Y;SS=M; 9.001096491  
418959; W33191; Hs.28907; hypothetical protein FLJ20258; SH3;TM=M;SS=N; 8.942  
455601; A368680; Hs.816; SRY (sex determining region Y)-box 2; HMG\_box; 8.87  
429211; AF052693; Hs.198249; gap junction protein, beta 5 (connexin 3; connexin;TM=Y;SS=M; 8.77131783  
456908; AF117646; Hs.156637; Gas-Br-M (murine) ectopic retroviral tr; zfc3HC4,Cbl\_N,Cbl\_N2,Cbl\_N3;TM=M;SS=N; 8.738  
430397; A924533; Hs.105607; bicarbonate transporter related protein ; HCO3\_cotransp;TM=Y;SS=N; 8.736  
417034; NM\_006183; Hs.80962; neurotensin; none; 8.592  
429083; Y09397; Hs.227817; BCL2-related protein A1; Bcl-2;TM=M;SS=N; 8.536  
408113; T82427; Hs.194101; Homo sapiens cDNA: FLJ20869 fis, clone A; 7im\_3,none; 8.49  
439285; AL133916; Hs.47860; hypothetical protein FLJ20093; ig,phkinase,LRR,LRRNT,LRRCT,none; 8.460655738  
409420; Z15008; Hs.54451; laminin, gamma 2 (lncan (100kD), kallu; laminin\_B,laminin\_EGF; 8.414  
438745; A185815; Hs.184727; Human melanoma-associated antigen p97 (n; transferrin,Guanylate\_kin,PDZ,SH3; 8.376205788  
439000; W79123; Hs.58561; G protein-coupled receptor 87; 7im\_1;TM=Y;SS=M; 8.37  
430486; BE062109; Hs.241651; chloride channel, calcium activated, fam; none;TM=Y;SS=M; 8.364  
429170; NM\_001394; Hs.2359; dual specificity phosphatase 4; Rhodanese,DSPc,Y\_phosphatase,Ribosomal\_S3\_N;TM=M;SS=N; 8.266  
417774; AA804698; Hs.82547; retinoic acid receptor responder (tazaro; none,none; 8.248314607  
431620; AA126109; Hs.254981; Z-5'-oligoadenylate synthetase 2 (69-71; NTP\_transf\_2;TM=M;SS=N; 8.156  
412270; AC005262; Hs.73797; guanine nucleotide binding protein (G p; G-alpha\_art;TM=M;SS=N; 8.142857143  
448733; NM\_005628; Hs.187958; solute carrier family 6 (neurotransmitter; SNF;TM=Y;SS=N; 8.137559809  
427557; NM\_002658; Hs.179557; plasminogen activator, urokinase receptor; UPAR\_LY6,ET,PLA2\_Int; 8.043478261  
424435; AA579635; Hs.1770; ligase I, DNA, ATP-dependent; DNA\_ligase; 8.036194444  
418322; AA284168; Hs.84113; cyclin-dependent kinase inhibitor 3 (CDK; Y\_phosphatase, DSPc;TM=M;SS=N; 8.024752475  
453857; AL080235; Hs.35861; Ras-induced senescence 1 (RIS1); none;TM=Y;SS=M; 8  
424046; AF027865; Hs.138202; serine (or cysteine) proteinase inhibitor; serpin;TM=M;SS=N; 7.982  
418526; BE019020; Hs.85938; solute carrier family 16 (monocarboxylic; none;TM=Y;SS=M; 7.873684211  
413219; AA878200; Hs.118727; Homo sapiens cDNA FLJ13692 fis, clone PL; HLH,death,TNFR\_c8,Acy-CoA\_hydro; 7.892  
422800; AK001379; Hs.121028; hypothetical protein FLJ10549; IQ;TM=M;SS=N; 7.824  
452203; X57522; Hs.352018; transporter 1, ATP-binding cassette, sub; ABC\_tran,ABC\_membrane,SRP54,Thymidylate\_kin;TM=Y;SS=M; 7.823874755  
431630; NM\_002204; Hs.265829; Integrin, alpha 3 (antigen CD49C, alpha; FG-GAP,Rhbd\_glycop,Integrin\_A;TM=Y;SS=M; 7.758985201  
432874; W94322; Hs.279851; melanoma inhibitory activity; SH3;TM=M;SS=Y; 7.75887674  
439453; BE264974; Hs.6566; thyroid hormone receptor interactor 13; AAA,ABC\_tran,CoA;TM=M;SS=N; 7.757751938  
452747; BE153855; Hs.81480; Ig superfamily receptor LNIR; Ig,Rhbd\_glycop;TM=Y;SS=M; 7.624  
438089; W05391; Hs.351546; nuclear receptor subfamily 1, group I, n; hormone\_rec,zf-C4,none; 7.605660377  
427747; AW411425; Hs.180855; serine/threonine kinase 12; phkinase;TM=M;SS=N; 7.578  
430280; AA381258; Hs.237868; Interleukin 7 receptor; fn3,none; 7.476  
428299; A620463; Hs.347408; hypothetical protein MGC13102; none;TM=Y;SS=N; 7.442528738  
441394; AA447849; Hs.288680; retinoic acid induced 3; 7im\_3,none; 7.442495127  
449163; AA026880; Hs.25252; prolactin receptor; none;NA;NA; 7.436781809  
414774; X02419; Hs.77274; plasminogen activator, urokinase; kringe,hyprin,plant\_thionins; 7.435897436  
439237; AW408153; Hs.318893; ESTs, Weakly similar to A47582 B-cell g; Furin-like,phkinase,Recep\_1\_domain,YLP,none; 7.398360656  
432636; AA340884; Hs.278562; claudin 7; PMP22\_Claudin;TM=Y;SS=M; 7.394039735  
431880; X17033; Hs.271988; Integrin, alpha 2 (CD49B, alpha 2 subunit; wva,Integrin\_A,FG-GAP;TM=Y;SS=M; 7.383419589  
416084; L16991; Hs.79006; deoxythymidylate kinase (thymidylate kin; none,none; 7.382  
439972; AA284978; Hs.25640; claudin 3; PMP22\_Claudin;TM=Y;SS=M; 7.327180494  
408799; D11928; Hs.76945; phosphoserine phosphatase-like; Hydrolase;TM=M;SS=N; 7.316  
448569; BE382657; Hs.21488; signal transducer and activator of trans; SH2,STAT,STAT\_bind,STAT\_prot;TM=M;SS=N; 7.315412188  
428450; NM\_014791; Hs.184339; KIAA0175 gene product; KA1,phkinase;TM=M;SS=N; 7.2984375  
422283; AW411307; Hs.114311; CDC45 (cell division cycle 45, S.cerevisiae); CDC45;TM=M;SS=N; 7.28  
451253; H48299; Hs.26126; claudin 10; PMP22\_Claudin,Peptidase\_M1,K\_latra;TM=Y;SS=M; 7.256802721  
416819; U77735; Hs.80205; pim-2 oncogene; phkinase; 7.234455959  
421817; AF146074; Hs.108680; ATP-binding cassette, sub-family C (CFTR; Fasciclin,ABC\_tran,ABC\_membrane,GTP\_EFTU;TM=M;SS=M; 7.162534435  
451035; AJ076785; Hs.430; plastin 1 (I isoform); efrand,CH,Adaplin\_N; 7.145454546  
424008; R02740; Hs.137555; putative chemokine receptor; GTP-binding; 7im\_1;TM=Y;SS=M; 7.126  
414482; S57498; Hs.76252; endothelin receptor type A; 7im\_1;TM=Y;SS=M; 7.122413793  
426003; AF119048; Hs.154143; apurinic/apyrimidinic endonuclease(APEX; Tropoin,Exo\_endo\_phos,IQ;TM=M;SS=N; 7.106719368  
430890; X54232; Hs.2699; glypican 1; Glypican;TM=M;SS=M; 7.088937093  
407792; AJ077715; Hs.38384; putative secreted ligand homologous to f; none;TM=M;SS=Y; 7.052  
426514; BE816633; Hs.170195; bone morphogenetic protein 7 (osteogenic; TGF-beta,TGFb\_propapide; 7.042  
431241; AA496799; Hs.39358; E8Ts; SH2,RasGEF,none; 7.03  
437139; W73685; Hs.118513; ESTs, Weakly similar to RTA RAT PROBABLE; 7im\_1;TM=Y;SS=M; 7.03  
429311; AW445044; Hs.38207; Human DNA sequence from clone RP4-53015; none,none; 7.025  
439978; AW600291; Hs.6823; hypothetical protein FLJ10430; none;TM=M;SS=N; 7.008

- 422846; BE513934; Hs.1583; neutrophil cytosolic factor 1 (47kD, chr; SH3, PX; TM=M; SS=N; 6.991626794  
 416250; AA581388; Hs.73452; Kremen 2; krlngle, CUB, WSC; 6.972  
 430770; AA765694; Hs.123296; ESTs; none, none; 6.95  
 5 418869; AW516565; : gb: x01d05.x1 Soares\_NHCEC\_cervical\_tumor; none, RasGAP, WW, IQ; 6.948  
 428953; AA306610; Hs.348183; tumor necrosis factor receptor superfamily; 60s\_ribosomal, Ribosomal\_L10, TNFR\_c6, DEAD; 6.914  
 418283; S79895; Hs.83942; cathepsin K (pseudodysostosis); Peptidase\_C1; 6.876190476  
 419687; AU077005; Hs.92208; a disintegrin and metalloproteinase domain; disintegrin, Reprolysin, Pep\_M12B, propep; TM=M; SS=M; 6.862970711  
 421143; AB024536; Hs.102171; Immunoglobulin superfamily containing la; ig\_LRR, LRRNT, LRRCT; TM=M; SS=M; 6.849056604  
 456181; L36463; Hs.1030; ras inhibitor; RA, SH2, VPS9; TM=M; SS=N; 6.782  
 10 436856; A1469355; Hs.127310; ESTs; pkinase, rrr; TM=M; SS=N; 6.721428571  
 411125; AA151647; Hs.89877; cytochrome b-245, alpha polypeptide; none; TM=Y; SS=M; 6.720348837  
 439750; AL359053; Hs.57664; Homo sapiens mRNA full length insert cDN; IMPDH\_C, IMPDH\_N, CBS, integrin\_B, FcRn\_B, Jectin; 6.717307692  
 450334; AF035959; Hs.24879; phosphatidic acid phosphatase type 2C; PAP2; TM=Y; SS=M; 6.715240642  
 426437; BE076537; Hs.189895; ubiquitin-conjugating enzyme E2L 6; Amadillo\_seg, UQ\_con, none; 6.698194444  
 15 439738; BE245502; Hs.9598; sema domain; immunoglobulin domain (ig); Sema, PSI, Integrin\_B; TM=Y; SS=N; 6.570553936  
 428385; AF112213; Hs.184062; putative Rab5-interacting protein; SH2, SH3; 6.662921348  
 456534; X91195; Hs.100623; phospholipase C, beta 3, neighbor pseudo; LIM, PDZ, pkinase; 6.653713299  
 425289; AW113942; Hs.155530; Interferon, gamma-inducible protein 16; PAAD\_DAPIN, HIN; 6.852671758  
 426500; NM\_014638; Hs.170155; KIAA0460 gene product; C2, PI-PLC-Y; TM=M; SS=N; 6.839655172  
 20 438113; A1467908; Hs.8882; ESTs; 7tm\_1, none; 6.6  
 444783; AK001468; Hs.82180; anillin (Drosophila Scraps homolog); act; PH, none; 6.6  
 408482; NM\_000676; Hs.45743; adenosine A2b receptor; 7tm\_1; TM=Y; SS=M; 6.548148148  
 410290; AA402307; Hs.322844; hypothetical protein DKFZp564A176; Sema, PSI, TIG, integrin\_B; TM=Y; SS=M; 6.532763533  
 25 414809; A434699; Hs.77358; transferrin receptor (p90, CD71); PA; TM=Y; SS=N; 6.526951673  
 426440; BE287556; Hs.169902; solute carrier family 2 (facilitated gluc sugar, tr; TM=Y; SS=M; 6.512704174  
 420039; NM\_004605; Hs.376147; sulfotransferase family, cytosolic, 2B; ; Sulfotransfer; 6.496  
 423031; A1278985; Hs.374579; ESTs; none, none; 6.447858402  
 421445; AA913059; Hs.104433; Homo sapiens, clone IMAGE:4054868, mRNA; lon\_trans\_K\_tetra, asp; 6.426666667  
 30 433933; A1764389; Hs.355397; Homo sapiens clone TCCCA00184 mRNA sequ; none, NA; NA; 6.4  
 435094; A1560129; Hs.289008; EST; none, none; 6.312  
 432106; N58323; Hs.269098; ESTs, Weakly similar to RETROVIRUS-RELAT; SH3, PDZ, Guanylate\_kin, none; 6.276556777  
 427640; AF058293; Hs.180015; D-dopachrome tautomerase; COX8, SHMT, MIF, GST\_C\_EF1G\_domain, GST\_N\_81, Fz, Fritzzled, calcitriol, 7tm\_2, mm, PAP\_assoc; TM=Y; SS=M; 6.272727273  
 35 435232; NM\_001262; Hs.4854; cyclin-dependent kinase inhibitor 2C (p1; ank; TM=M; SS=N; 6.269720102  
 418203; X54942; Hs.83758; CDC28 protein kinase 2; CKS; 6.219081272  
 411263; BE297802; Hs.89380; kinesin-like 6 (mitotic centromere-ssoc; kinesin; TM=M; SS=N; 6.19  
 409512; AW978187; Hs.293591; melanoma differentiation associated prot; DEAD, helicase\_C, CARD; TM=M; SS=N; 6.188888889  
 449230; BE613348; Hs.356392; melanoma cell adhesion molecule; ig, 5odh, Ribosomal\_L6, F-box; TM=Y; SS=M; 6.188046647  
 440008; AK000517; Hs.6844; NALP2 protein; PYRIN-Containing APAF1-I; AAA, NB-ARC, PAAD\_DAPIN; NA; NA; 6.15503876  
 40 450681; AF081513; Hs.25195; TGF-beta 4; TGF-beta, TGFb\_propeptide; 6.162  
 432314; AA533447; Hs.285173; ESTs; Xlink, none; 6.123040762  
 418844; M62582; Hs.1200; arachidonate 12-lipoxygenase; lipoxygenase, PLAT; TM=M; SS=N; 6.12  
 421733; AL119671; Hs.1420; fibroblast growth factor receptor 3 (ack; lg, pkinase; TM=Y; SS=M; 6.096758365  
 422051; AW372546; Hs.111024; solute carrier family 25 (mitochondrial; mito\_car; TM=M; SS=N; 6.089164786  
 45 452683; A1089576; Hs.374574; progesterone membrane binding protein; homeobox, none; 6.06284153  
 445637; A1245671; Hs.12844; EGF-like domain, multiple 6; EGF, MAM; 6.05518308  
 444309; U83238; Hs.10803; calcium and integrin binding protein (DN; eifend; 6.04015544  
 414166; AW888941; Hs.75789; N-myc downstream regulated; DEAD, helicase\_C, rrr, Ndr, Cys\_knot, TIL, ywa, vwc, vwd, IQ, RIIa, abhydrolase, TGF-beta, DUF139, TPR, DSCP, isp\_1, Ribosomal\_S21, rvp; TM=M; SS=N; 6.009562842  
 50 438108; A1471795; Hs.287778; vanilloid receptor-related osmolytically a; ank, lon\_trans; TM=Y; SS=N; 6.004  
 413859; NM\_000878; Hs.75596; interleukin 2 receptor, beta; none; TM=Y; SS=M; 5.984538083  
 405484; ; X3002124; gij12737280; refXP\_000682.2; lc none; 6.978954401  
 414907; X90725; Hs.77597; polo (Drosophila)-like kinase; Ribosomal\_L37aa, pkinase, POLO\_box, iRNA-synt\_1b, dynamn, dynamn\_2, GED, bZIP, M; 5.978431373  
 55 419216; AL076718; Hs.164021; small inducible cytolike subfamily B (Cy; ILB; 6.978  
 414135; NM\_004419; Hs.2128; dual specificity phosphatase 5; Rhodanese, DSCP, Y\_phosphatase; TM=M; SS=N; 5.989387755  
 411756; BE294350; Hs.71891; discoidin domain receptor family, member; pkinase, F5\_F8\_type\_C; TM=Y; SS=M; 5.95184136  
 424291; AL120051; Hs.144700; ephrin-B1; Ephrin; TM=Y; SS=M; 5.951550388  
 453459; BE047032; Hs.257789; ESTs; none, none; 5.95  
 60 456373; BE247706; Hs.86693; membrane-spanning 4-domains, subfamily A; none; TM=Y; SS=N; 5.938  
 429359; W00482; Hs.2393; matrix metalloproteinase 14 (membrane-in; hemopexin, Peptidase\_M10; TM=M; SS=M; 5.917857143  
 414703; BE243877; Hs.380063; ATPase, Na+ transporting, beta 3 polypep; Na\_K-ATPase; TM=Y; SS=M; 5.910455487  
 448775; AB025237; Hs.388; nudix (nucleoside diphosphate linked mol; NUDDX; TM=M; SS=M; 5.901866793  
 452238; AW379378; Hs.356289; protein tyrosine phosphatase, receptor t; none, none; 5.858362832  
 65 418345; A1001698; Hs.241407; serine (or cysteine) proteinase inhibitor; serpin; TM=Y; SS=M; 6.842  
 452875; BE276760; Hs.30928; DNA segment on chromosome 19 (unique) 11; Euk\_poin; TM=M; SS=M; 5.816363636  
 439625; AF066453; Hs.58611; ESTs; Fork\_head, glycolytic\_enzy, Na\_sulph\_symp; 5.811594203  
 447343; AA256841; Hs.236894; ESTs, Highly similar to 802392 alpha-2-m; none, none; 5.81  
 422765; NM\_002447; Hs.1578; baculoviral IAP repeat-containing 5 (sur; BIR; TM=M; SS=N; 5.806  
 70 415198; AW009489; Hs.943; natural killer cell transcript 4; none; TM=M; SS=N; 5.804137931  
 431941; AK000108; Hs.272227; Homo sapiens cDNA FLJ20099 fs, clone CO; pkinase, Furin-like, Recep\_L\_domain, none; 5.8  
 457001; J03258; Hs.2062; vitamin D (1,25-dihydroxyvitamin D3) re; hormone\_rec, zf-C4, Metallothio\_5; TM=M; SS=N; 5.794  
 439335; AA742697; Hs.62492; NM\_052863; Homo sapiens secretoglobulin, fa; none; 5.778588808  
 439248; A1498072; Hs.321474; membrane-associated tyrosine- and threon; ank, pkinase, UPP0073; 5.763492064  
 75 452461; N78223; Hs.108106; transcription factor; zf-C3HC4, ubiquitin, PHD, YDG\_SRA; TM=M; SS=N; 5.728  
 414883; AA926860; Hs.348669; CDC28 protein kinase 1; CKS; 5.714634146  
 424517; A1539443; Hs.137447; Homo sapiens cDNA FLJ12169 fs, clone MA; SH2, STAT, STAT\_bind, STAT\_prot, none; 5.701666667  
 419056; M89957; Hs.89575; CD79B antigen (immunoglobulin-associated; ig, ITAM; TM=Y; SS=M; 5.692  
 432259; NM\_002447; Hs.2942; macrophage stimulating 1 receptor (c-met; pkinase, Sema, PSI, TIG, AA\_EXTRA; TM=M; SS=M; 5.686  
 80 452698; A1826645; Hs.211534; ESTs; ArfGAP, PH, ank, Guanylate\_kin, PDZ, SH3; 5.68373469  
 411030; BE387183; Hs.67896; 7-60 protein; none; TM=M; SS=N; 5.676767677  
 447131; NM\_004585; Hs.17468; retinoic acid receptor responder (tazaro; none; TM=Y; SS=N; 5.672977625  
 426227; U67058; Hs.154299; Human proteinase activated receptor-2 mR; 7tm\_1; TM=Y; SS=M; 5.666  
 407722; BE262241; Hs.38041; pyridoxal (pyridoxine, vitamin B6) kinas; pkin; TM=M; SS=N; 5.659616943

- 427490; Z95152; Hs.178695; mitogen-activated protein kinase 13; pkinase; TM=M; SS=N; 5.6485823  
 415010; NM\_004203; Hs.77783; membrane-associated tyrosine- and threonine; ank, pkinase; UPF0073; 5.648  
 452690; A1538070; Hs.15085; ESTs; pou, homeobox, lig\_chan, ANF\_receptor; 5.646  
 424321; W74048; Hs.1765; lymphocyte-specific protein tyrosine kin; SH2, SH3, pkinase; TM=M; SS=N; 5.642405063  
 418703; NM\_014448; Hs.87435; Rho guanine exchange factor (GEF) 16; SH3, PH, RhoGEF, BimA\_VP3; TM=M; SS=N; 5.636  
 426108; A4622037; Hs.166468; programmed cell death 5; DJF122; TM=M; SS=N; 5.635087719  
 424490; AJ278016; Hs.55565; ankryn repeat domain 3; ank, pkinase; TM=M; SS=N; 5.620930233  
 432085; AA401039; Hs.2903; protein phosphatase 4 (formerly X), catal; Metallophos; TM=M; SS=N; 5.608352145  
 417018; M16038; Hs.80887; v-yes-1 Yamaguchi sarcoma viral related; SH2, SH3, pkinase; TM=M; SS=N; 5.596052532  
 430696; A4531278; Hs.59509; ESTs; pkinase, PP2C, none; 5.575112108  
 435017; AA36522; Hs.12854; angiotensin II, type I receptor-associated; none; TM=Y; SS=M; 5.556810569  
 439863; AW247529; Hs.6793; platelet-activating factor acetylhydrolase; PAF-AH1b, Lipase\_GDGL; TM=M; SS=N; 5.558195865  
 415012; NM\_004383; Hs.77793; c-src tyrosine kinase; SH2, SH3, pkinase; TM=M; SS=N; 5.555421687  
 424909; S78187; Hs.153752; cell division cycle 25B; Rhodanese; 5.548751244  
 413969; X14034; Hs.75848; phospholipase C, gamma 2 (phosphatidylinositol 3-OH kinase, gamma 2); SH2, SH3, C2, PH, PI-PLC-Y, PI-PLC-X, PDGF; 5.541366907  
 406621; X67809; Hs.181125; immunoglobulin lambda locus; ig, HSP70, Ppx-GppA; TM=M; SS=N; 5.54076087  
 417700; M36542; Hs.1101; POU domain, class 2, transcription factor; homeobox, pou; TM=M; SS=N; 5.536  
 456362; AW973003; Hs.179909; hypothetical protein FLJ22995; none; TM=M; SS=N; 5.6261697  
 436576; A458213; Hs.77542; ESTs; 7tm\_1, DnaI; 5.52638191  
 425465; L18664; Hs.1904; protein kinase C, beta; pkinase, DAG\_PE-bind, pkinase\_C, OPR; TM=M; SS=N; 5.519672131  
 412276; BE262621; Hs.73798; macrophage migration inhibitory factor (f); MIF, sugar, tr, none; 5.516453382  
 417433; BE270266; Hs.82128; 5T4 oncofetal trophoblast glycoprotein; LRR, LRRNT, LRRCT; TM=Y; SS=M; 5.514964789  
 447827; U73727; Hs.19718; protein tyrosine phosphatase, receptor type 3; tn3, Ig\_Y, phosphatase, MAM; TM=Y; SS=M; 5.494202899  
 419508; AW997938; Hs.90785; ATP-binding cassette, sub-family C (CFTR; ABC, tran, ABC, membrane; TM=Y; SS=M; 5.471947195  
 410608; A1538438; Hs.169087; ESTs; ubiquitin, integrin\_B, UBA, none; 5.465384615  
 448633; AA311426; Hs.21635; tubulin, gamma 1; tubulin; TM=M; SS=N; 5.460078048  
 408716; A1567839; Hs.161714; Homo sapiens mRNA for KIAA1769 protein, ; UvrD-helicase, RNB, Runt; TM=M; SS=N; 5.450413223  
 426410; BE298446; Hs.305890; BCL2-like 1; Bcl-2, BH4, none; 5.444805185  
 457819; AA057484; Hs.35406; FLJ20522 Hypothetical protein FLJ20522; none, none; 5.444281625  
 422697; BE245909; Hs.118634; ATP-binding cassette, sub-family B (MDR); ABC, tran, ABC, membrane, PRK; TM=Y; SS=N; 5.437931035  
 420191; AF065215; Hs.198161; phospholipase A2, group IVB (cytosolic); C2, PLA2\_B, jmjC; TM=M; SS=N; 5.4375  
 449951; AW255634; Hs.133100; ESTs; pkinase, Furin-like, Recep\_L, domain, none; 5.435211268  
 409012; AL117435; Hs.49725; DKFZP434I216 protein; PH, RhoGEF; TM=M; SS=M; 5.433333333  
 443466; BE243123; Hs.321045; IKK-related kinase epsilon; inducible Ik; pkinase, RIO1; TM=M; SS=N; 5.429657795  
 434826; AF155661; Hs.22265; pyruvate dehydrogenase phosphatase; PF2C, none; 5.423322684  
 423189; M59371; Hs.171596; EphA2; tn3, pkinase, SAM, EPH\_Jbd; TM=Y; SS=M; 5.421621622  
 452291; AF015592; Hs.28853; CDC7 (cell division cycle 7, S. cerevisiae); pkinase; TM=M; SS=N; 5.412  
 432527; AW975028; Hs.102754; ESTs; none, none; 5.40625  
 422278; AF072873; Hs.114218; frizzled (Drosophila) homolog 6; Fz, Fzr, Fzr2, 7tm\_2; TM=Y; SS=M; 5.406504587  
 410024; AW191024; Hs.55016; hypothetical protein FLJ21935; SH3; TM=M; SS=N; 5.396  
 434467; BE652369; Hs.231853; Homo sapiens cDNA FLJ13445 fis, clone FL1; 7tm\_1, none; 5.391472858  
 438974; AF089816; Hs.6454; chromosome 19 open reading frame 3; PDZ; 5.389250814  
 439670; AF088076; Hs.59507; ESTs; Weakly similar to AC004858 3 U1 sn; none, none; 5.382  
 437016; AF076916; Hs.6398; guanine monophosphate synthetase; PHD, SET, zc  
 45 CXXC, EGF, ank, notch, WW, FCH, GATase, GMP\_syn, C, Occludin, YEATS, metalthio, EB, hema\_1, ROC1, ZZ, FeThRed\_A, ENTH, Band\_41, HECT; TM=M; SS=N; 5.373937677  
 424846; A1263231; Hs.327090; EST; SH3, PDZ, Guanylate\_kin, none; 5.35  
 452721; A1265529; Hs.301871; solute carrier family 37 (glycerol-3-phosphate); MORN, sugar, tr; TM=Y; SS=M; 5.35971223  
 405932; ; C15000305; g3808122; g3808122; AAC69198.1 (AF0; ras; TM=M; SS=N; 5.349226804  
 416714; AF283770; Hs.78630; CD79A antigen (immunoglobulin-associated); Ig, ITAM, Zn, clus; TM=Y; SS=M; 5.346153846  
 453143; AA382234; Hs.356289; protein tyrosine phosphatase, receptor type 3; tn3, Ig\_Y, phosphatase, PLAT; TM=M; SS=N; 5.33  
 423973; AF038461; Hs.136574; arachidonate 12-lipoxygenase, 12R type; lipoxygenase, PLAT; TM=M; SS=N; 5.33  
 408308; AL033377; Hs.44197; hypothetical protein DKFZp584D0462; none, none; 5.328  
 414821; U81961; Hs.77424; Fc fragment of IgG, high affinity Ia, re; Ig; TM=Y; SS=M; 5.316  
 427337; Z46223; Hs.176883; Fc fragment of IgG, low affinity IIb, r; Ig; TM=Y; SS=M; 5.309638554  
 410166; BE580228; Hs.71869; apoptosis-associated speck-like protein; PAAD, DAPI, CARD; TM=M; SS=N; 5.293560606  
 415817; U88967; Hs.78807; protein tyrosine phosphatase, receptor type 3; tn3, Y, phosphatase, carb, anhydase; TM=Y; SS=M; 5.28  
 427315; AA179949; Hs.175563; Homo sapiens mRNA; cDNA DKFZp564N0763 (f; none, spectrin, SH3, PH, CH; 5.278947368  
 431441; U81961; Hs.2794; sodium channel, nonvoltage-gated 1 alpha; ASC; TM=Y; SS=N; 5.274746193  
 416207; NM\_014745; Hs.79077; Homo sapiens, clone MGC:2908, mRNA, comp; none; TM=Y; SS=M; 5.272222222  
 415117; AF120498; Hs.78016; polynucleotide kinase 3'-phosphatase; Viral\_helicase 1; TM=M; SS=N; 5.27  
 435905; AW977484; Hs.6003; KIAA0456 protein; SH3, RhoGAP, FCH; TM=M; SS=N; 5.251865672  
 408430; R21945; Hs.348735; splicing factor, arginine/serine-rich 5; DSPc, Rhodanese, none; 5.248  
 431846; BE018924; Hs.271580; uropodkin 1B; transmembrane4; TM=Y; SS=M; 5.232  
 422017; NM\_003877; Hs.110776; STAT induced STAT inhibitor-2; SH2; 5.212418301  
 436468; AK001455; Hs.5198; Down syndrome critical region gene 2; none; 5.209259259  
 421502; AF111856; Hs.105039; solute carrier family 34 (sodium phosphate); Ribosomal\_L20, Na, PI, cotrans; TM=Y; SS=N; 5.202  
 425358; BE244878; Hs.155939; inositol polyphosphate-6-phosphatase, 14; Exo\_endo\_phos, SH2; TM=M; SS=N; 5.19979716  
 437412; BE069288; Hs.34744; Homo sapiens mRNA; cDNA DKFZp547C138 (f; ABC, tran, GTP\_EFTU, ABC, membrane, none; 5.188074074  
 416602; NM\_008159; Hs.367895; Protein kinase C-binding protein NELL2; EGF, ywc, TSPN; 5.188224852  
 429556; AW139393; Hs.314807; ESTs; none; TM=M; SS=N; 5.192439865  
 427857; AL133017; Hs.288679; hypothetical protein FLJ22855; myosin\_head, IQ, zc-MYND; TM=M; SS=M; 5.190251572  
 400517; ; lenglsh; none; TM=M; SS=N; 5.18  
 413438; AF238083; Hs.68061; sphingosine kinase 1; DAGKc; TM=M; SS=N; 5.172881356  
 423527; A1206965; Hs.105861; hypothetical protein FLJ13324; none; TM=M; SS=N; 5.165060241  
 419138; U48508; Hs.89631; ryanodine receptor 1 (skeletal); ion\_trans, SPRY, RYDR, ITPR, RyR, MIR; TM=Y; SS=N; 5.165976744  
 437809; AF137723; Hs.58555; Homo sapiens mRNA; cDNA DKFZp434D0818 (f; none, none; 5.154676259  
 452069; AB028949; Hs.183994; KIAA1026 protein; Metallophos; TM=M; SS=N; 5.1523680515  
 403340; BE174629; Hs.321130; hypothetical protein MGC2771; ea\_penmease, pyridoxal\_deC, bromodomain, PHD, MBD, AT\_hook, DDT, PI3, PI4\_kinase, FAT, FATC, BclA, RUN; TM=M; SS=N; 5.144858313  
 442875; BE623003; Hs.23625; Homo sapiens clone TCCCTA00142 mRNA seq; K\_beta, DUF51, none; 5.142  
 434883; AW381538; Hs.19807; hypothetical protein MGC12953; SH3, PH, WW, RhoGAP; 5.141534392  
 434808; AF155108; Hs.256150; NY-REN-41 antigen; none; TM=M; SS=N; 5.14  
 431341; AA307211; Hs.251531; proteasome (prosome, macropain) subunit; proteasome; TM=M; SS=N; 5.13968254

- 431685; AW296135; Hs.267659; vav 3 oncogene; CH,DAG\_PE-bind,PH,RhoGEF,SH2,SH3,DC1;TM=M;SS=N; 5.129476584
- 411190; AA306342; Hs.69171; protein kinase C-like 2; pkinase,kinase\_C,HR1;TM=M;SS=N; 5.121527778
- 433573; AF234887; Hs.67652; cadherin, EGF LAG seven-pass G-type race; 7tm\_2,EGF,cadherin,laminin\_EGF,laminin\_G,Trypan\_glycop,GPS,HRM;TM=Y;SS=M; 5.107438017
- 433562; W07162; Hs.150826; RAB25 RAB25, member RAS oncogene family; ras,ABC\_tran,photoRC,SRP54,Ca\_channel\_B,Pterin\_4a;TM=Y;SS=M; 5.10251046
- 419493; AF001212; Hs.90744; proteasome (prosome, macropain) 26S subu; CDK5\_activator,PC1;none; 5.095194085
- 411027; AF070299; Hs.67846; leukocyte immunoglobulin-like receptor; ; inositol\_P,lg;TM=M;SS=N; 5.092
- 435243; AW292886; Hs.348932; hypothetical protein dJ434014.3; IRF;none; 5.092
- 434417; AL110157; Hs.3843; Homo sapiens mRNA; cDNA DKFZp586F2224 f; DSPc;none; 5.091922005
- 415323; BE269352; Hs.949; neutrophil cytosolic factor 2 (65kD, chr; SH3,TPR;TM=M;SS=N; 5.088932806
- 418629; BE247550; Hs.88859; growth factor receptor-bound protein 7; SH2,PH,RA; ; 5.082840237
- 420030; BE503994; Hs.146233; KIAA0418 gene product; SH3;none; 5.080645161
- 444065; AW449415; Hs.10260; Homo sapiens cDNA FLJ11341 fs, clone FL; SH3; ; 5.063953488
- 421677; H64092; Hs.38282; ESTs; A1pp,Armadillo\_seg,IBB; 5.056
- 411165; NM\_000169; Hs.69089; galactosidase, alpha; Mollusc; 5.064133858
- 428478; Y00272; Hs.334562; cell division cycle 2, G1 to S and G2 to; pkinase,ICE\_p10,ICE\_p20;TM=M;SS=M; 5.054
- 423883; AF250238; Hs.134514; ATP-binding cassette, sub-family A (ABC1; ABC\_tran,photoRC,SRP54,Ca\_channel\_B,Pterin\_4a;TM=Y;SS=M; 5.051724138
- 421917; AB028943; Hs.109445; KIAA1020 protein; BTB,zf-C2H2,PI3\_P14\_kinase,PI3Ka;TM=M;SS=N; 5.051282051
- 422244; Y00062; Hs.170121; protein tyrosine phosphatase, receptor t; kinesin,fn3,Y\_phosphatase;TM=M;SS=N; 5.047311828
- 410026; AJ912061; Hs.65015; hypothetical protein FLJ21935; none;none; 5.04674221
- 426395; BE151988; Hs.355669; hypothetical protein FLJ23318; pkinase;none; 5.040298508
- 418054; NM\_002316; Hs.83354; lysyl oxidase-like 2; SRCR,Lysyl\_oxidase;TM=M;SS=M; 5.039039039
- 444895; A1874383; Hs.22891; solute carrier family 7 (cationic amino; ASC,death,TNFR\_c6; 5.037151703
- 413472; BE242870; Hs.75379; solute carrier family 1 (glial high aff; SDF;TM=Y;SS=M; 5.034
- 448272; BE268912; Hs.14601; hemolipostatic cell-specific Lyn substrat; SH3,HS1\_rep;TM=M;SS=N; 5.03030303
- 410772; BE275297; Hs.194685; Homo sapiens clone 24675 mRNA sequence; Topolism\_bac,Toprim; 5.027985075
- 418613; AA744529; Hs.88575; mitogen-activated protein kinase kinase; pkinase,CNH;TM=M;SS=N; 5.014652015
- 415166; NM\_003652; Hs.78068; carboxypeptidase Z; Zn\_carbOpept,Dioxygenase,Fz; 5.012269939
- 416498; U39632; Hs.79351; potassium channel, subfamily K, member 1; ion\_chan;TM=Y;SS=M; 5.001811594
- 410887; U24389; Hs.65438; lysyl oxidase-like 1; Lysyl\_oxidase; 4.997983871
- 430024; AJ808780; Hs.227730; integrin, alpha 6; integrin\_A,FG-GAP;TM=Y;SS=M; 4.994871795
- 409220; BE243323; Hs.51233; tumor necrosis factor receptor superfam; TNFR\_c6,death,Lipoprotein\_5,TIL;TM=Y;SS=M; 4.987135506
- 423804; AW403448; Hs.1706; interferon-stimulated transcription fact; IRF,zf-C3HC4,IBR,zf-RanBP;TM=M;SS=N; 4.985185185
- 423011; NM\_005683; Hs.123022; adrenergic, alpha-2C-, receptor; 7tm\_1;TM=Y;SS=M; 4.984
- 419577; L36531; Hs.91296; Integrin, alpha 8; Integrin\_A,FG-GAP;TM=Y;SS=N; 4.983
- 402328; ; Target Exon; pkinase;TM=M;SS=N; 4.96728972
- 421242; AW161386; Hs.13561; hypothetical protein MGC4692; none;NA;NA; 4.966334165
- 435523; I62849; Hs.11090; membrane-spanning 4-domains, subfamily A; none;TM=Y;SS=M; 4.964491363
- 414203; BE282170; Hs.78629; ATPase, Na7 transporting, beta 1 polypep; none;none; 4.961956522
- 409582; R27430; Hs.271565; ESTs; none;Neur\_chan\_LBD,Neur\_chan\_memb; 4.946
- 451292; AB037716; Hs.26204; KIAA1295 protein; SH3;TM=M;SS=N; 4.943161818
- 453449; W16752; Hs.32981; sema domain, immunoglobulin domain (Ig); Ig,Sema,PSI; 4.933508475
- 425233; Z17861; Hs.156218; E1B-55kDa-associated protein 5; SPRY,SAP,pkinase,fn3,lg; 4.925347222
- 425247; NM\_005940; Hs.155324; matrix metalloproteinase 11 (stromelysin; hemopexin,Peptidase\_M10; 4.92
- 422282; AF093225; Hs.114308; apolipoprotein L; MotA\_ExtB;TM=Y;SS=M; 4.912181303
- 442572; AI001922; Hs.135121; hypothetical protein FLJ22415; none;HSP70; 4.910224439
- 425743; BE396495; Hs.159428; BCL2-associated X protein; Bcl-2;TM=Y;SS=N; 4.909972289
- 449523; NM\_000579; Hs.54443; chemokine (C-C motif) receptor 5; 7tm\_1;TM=Y;SS=M; 4.904
- 409213; U81412; Hs.51133; PTK6 protein tyrosine kinase 6; SH2,SH3,pkinase;TM=M;SS=N; 4.897338403
- 411770; NM\_014278; Hs.71992; heat shock protein (hsp110 family); HSP70;TM=M;SS=N; 4.894
- 446872; X97058; Hs.16362; pyrimidinergic receptor P2Y, G-protein c; 7tm\_1;TM=Y;SS=M; 4.896
- 423190; M81933; Hs.1634; cell division cycle 25A; Rhodanese;none; 4.884
- 445462; AA378776; Hs.288549; hypothetical protein MGC3077; none; 4.876379691
- 448153; Y10805; Hs.20821; HMT1 (hmrNP methyltransferase, S. cerevi; NusG; 4.876117497
- 427792; M83928; Hs.180841; tumor necrosis factor receptor superfam; SRP14,TNFR\_c6; 4.873684211
- 449027; AJ271216; Hs.22880; dipeptidylpeptidase III; Peptidase\_M49,EGF,lg,Neuregulin;TM=M;SS=N; 4.872641509
- 421541; NM\_003942; Hs.105584; ribosomal protein S6 kinase, 90kD, polyp; pkinase,kinase\_C;TM=M;SS=N; 4.869318182
- 429619; AL120751; Hs.211568; eukaryotic translation initiation factor; none;none; 4.868073879
- 458873; AW150717; Hs.345728; STAT induced STAT inhibitor 3; none;none; 4.861633462
- 437668; A1358105; Hs.123164; ESTs, Weakly similar to match to ESTs AA; none,pkinase,kinase\_C; 4.854651163
- 405545; ; Target Exon; ABC\_tran,SRP54,ABC\_membrane;TM=Y;SS=M; 4.85
- 424779; AL046851; Hs.153053; CD37 antigen; transmembrane4;TM=Y;SS=M; 4.848387097
- 424263; M77840; Hs.1757; L1 cell adhesion molecule (hydrocephalus; fn3,lg,IRK;TM=Y;SS=M; 4.846153846
- 425421; L11659; Hs.157145; tetracycline transporter-like protein; sugar\_tr;TM=Y;SS=M; 4.843694494
- 421287; BE314724; Hs.103081; ribosomal protein S6 kinase, 70kD, polyp; pkinase,kinase\_C;TM=M;SS=N; 4.842532468
- 418736; T18979; Hs.87908; Smf2-related CBP activator protein; helicase\_CAT\_hook,SNF2\_N;TM=M;SS=N; 4.842
- 444143; AW747998; Hs.160999; ESTs, Moderately similar to A58194 throm; Bcl-2;none; 4.841071429
- 417331; AW411297; Hs.81972; SHC (Src homology 2 domain-containing) t; SH2,PI3\_P14,SCAN,AMP-binding,KRAB;TM=M;SS=N; 4.839464883
- 422010; AA302049; Hs.51181; Homo sapiens cDNA: FLJ23230 fs, clone C; none,SDF,sugar\_tr; 4.837837838
- 434521; NM\_002267; Hs.3886; karyopherin alpha 3 (importin alpha 4); Armadillo\_seg,IBB;TM=M;SS=N; 4.833333333
- 450447; AF212223; Hs.25010; hypothetical protein P15-2; NTF2;TM=M;SS=N; 4.821866667
- 453082; H18835; Hs.31608; hypothetical protein FLJ20041; ion\_chan;TM=Y;SS=M; 4.820935639
- 417949; AL048785; Hs.83004; interleukin 14; none;Armadillo\_seg,IBB,WD40; 4.81443259
- 439569; AW602166; Hs.222399; CEGP1 protein; EGF,TNFR\_c6,granulin,CUB,Keratin\_B2,TIL;TM=M;SS=M; 4.81
- 432581; AU076485; Hs.278441; KIAA0015 gene product; PP2C;TM=M;SS=N; 4.805063291
- 432194; AL040801; Hs.273219; breast cancer anti-estrogen resistance 1; SH3; 4.803191489
- 431472; AK001023; Hs.256549; nucleotide binding protein 2 (E.coli Min; fer4\_NifH,ParA,APS\_kinase,AraA\_ATPase;TM=M;SS=N; 4.800990099
- 450690; AA285688; Hs.333418; FYD domain-containing ion transport reg; ATP1A1\_PLM\_MATB;TM=Y;SS=M; 4.795480881
- 448950; AF288687; Hs.9275; CGI-152 protein; E1-E2\_ATPase,Hydrolase;TM=Y;SS=N; 4.776823077
- 427681; AB018263; Hs.284232; tumor necrosis factor receptor superfam; death,TNFR\_c6,PH,Xlink,RhoGEF,Melanothio\_5;TM=M;SS=M; 4.772186262
- 432827; Z68129; Hs.3108; Rho GTPase activating protein 4; FCH,RhoGAP,SH3;TM=M;SS=N; 4.760115607
- 433376; AL249361; Hs.74122; caspase 4, apoptosis-related cysteine pr; CARD,ICE\_p10,ICE\_p20; 4.751162791
- 419981; AA887581; Hs.128773; ESTs; pkinase,DAG\_PE-bind,pkinase\_C,OFR;none; 4.748
- 431657; A1345227; Hs.105448; ESTs, Weakly similar to B34087 hypothet; pkinase,PA28\_alpha,PA28\_beta,Cu\_amine\_oxid,Cu\_amine\_oxidN2,Cu\_amine\_oxidN3; 4.748

- 412958; BE391579; Hs.75087; Fas-activated serine/threonine kinase; none; 4.736781609  
 414443; AU077268; Hs.76144; platelet-derived growth factor receptor; ig.pkinase; TM=Y;SS=N; 4.733  
 419250; AW770185; Hs.356056; U5 snRNP-specific protein, 116 kD; 7tm\_1,BAH,zf-CXXC,DNA\_methylase; 4.725454546  
 417903; NM\_002342; Hs.1116; lymphotoxin beta receptor (TNFR superfamily; TNFR\_c6; TM=M;SS=M; 4.718858132  
 5 414358; W70171; Hs.75939; uridine monophosphate kinase; PRK\_CoeE; 4.718835585  
 426058; BE292842; Hs.166120; Interferon regulatory factor 7; IRF; 4.718543046  
 414788; X78337; Hs.77313; cyclin-dependent kinase (CDC2-like) 10; pkinase; TM=M;SS=N; 4.708  
 407601; AC002300; Hs.37129; sodium channel, nonvoltage-gated 1, beta; ASC; TM=Y;SS=M; 4.707920792  
 448520; AB002367; Hs.21355; doublecortin and CaM kinase-like 1; pkinase; DCX; TM=M;SS=N; 4.707671853  
 10 407143; C14076; Hs.332329; EST; none; TM=Y;SS=M; 4.682675815  
 428582; BE336699; Hs.185055; BENE protein; none; TM=Y;SS=M; 4.681818182  
 408806; AW847814; Hs.75608; Homo sapiens cDNA: FLJ21532 fls, clone C; SH3,PDZ,Guanylate\_kin,none; 4.680440771  
 448133; AA723157; Hs.73769; folate receptor 1 (adult); Folate\_rec.MP; TM=M;SS=M; 4.679841897  
 15 418836; A655499; Hs.161712; ESTs; pkinase,Acidvin\_rec,PDZ,ZUKs,death; 4.679180887  
 425308; M97639; Hs.155585; receptor tyrosine kinase-like orphan rec; ig,kringle.pkinase,Fz; TM=Y;SS=M; 4.675342466  
 414665; AA160873; Hs.356307; serum amyloid A1; zf-C2H2,BTB,K\_tetra,none; 4.67447496  
 449843; R85337; Hs.24030; solute carrier family 31 (copper transp; none; TM=Y;SS=M; 4.673701299  
 428245; AF151048; Hs.183180; anaphase promoting complex subunit 11 (y; none; 4.656756757  
 20 417088; M54915; Hs.81170; plm-1 oncogene; pkinase; TM=M;SS=N; 4.656190476  
 420340; NM\_000734; Hs.97087; CD32 antigen, zeta polypeptide (IT3 cont; ITAM; TM=M;SS=M; 4.65  
 425966; NM\_001761; Hs.1973; cyclin F; cyclin\_F-box,cyclin\_C; TM=M;SS=N; 4.644  
 417929; R27219; Hs.74847; Human T-cell receptor alpha-chain; ig,abhydrolase; 4.640384615  
 25 430603; AA148164; Hs.247280; HBV associated factor; zf-C3HC4,zf-RanBP.pkinase; 4.630653266  
 419273; BE271180; Hs.253490; ESTs, Weakly similar to I38022 hypothet; none,none; 4.628  
 453880; AB03168; Hs.135121; ESTs, Weakly similar to I38022 hypothet; HSP70,none; 4.619047619  
 456389; BE407712; Hs.153998; creatine kinase, mitochondrial 1 (ubiqui; none,none; 4.618577075  
 412970; AB026438; Hs.177534; dual specificity phosphatase 10; Rhodanese,DSPc; 4.616  
 433577; AW007080; Hs.284192; ESTs; none,none; 4.614  
 444838; AV651680; Hs.208558; ESTs; Integrin\_A,FG-GAP,none; 4.612149533  
 30 408369; R38438; Hs.118747; SLC15A2 Solute carrier family 15 (H+/-pep; PTR2; TM=Y;SS=N; 4.602  
 450825; AC005954; Hs.25527; tight junction protein 3 (zona occludens; PDZ,Guanylate\_kin; 4.598875  
 443951; F13272; Hs.356835; ferritin, light polypeptide; PMP22\_Claudin,none; 4.567931035  
 433083; AL042759; Hs.191762; ESTs; SH3,PK; TM=M;SS=N; 4.586  
 35 407239; AA078350; Hs.67846; leukocyte immunoglobulin-like receptor; ; ig; TM=Y;SS=M; 4.58557047  
 412926; AB87076; Hs.75061; macrophage myristoylated alanine-rich C; MARCKS; 4.579087049  
 422009; AT742845; Hs.110713; DEK oncogene (DNA binding); SAP; 4.576347305  
 412584; X54870; Hs.74085; DNA segment on chromosome 12 (unique) 24; none,lectin\_c; 4.57312253  
 414501; AU04813; Hs.185155; Homo sapiens amino acid transport system; Aa\_trans; TM=Y;SS=N; 4.673015873  
 422627; BE336857; Hs.118787; transforming growth factor, beta-induced; Fasciclin,ABC\_tran,ABC\_membrane,GTP\_EFTU; TM=M;SS=M; 4.570526316  
 40 459053; AB07062; Hs.97782; ESTs; none,7tm\_2,GPS; 4.569230769  
 424247; X14006; Hs.234734; lysoczyme (renal amyloidosis); lys,ig,FAD\_Synth,ldh,ldh\_C,pkinase; 4.566195373  
 439975; AW328081; Hs.6917; inosine triphosphatase (nucleoside triph; Hom1p\_like; TM=M;SS=N; 4.56056338  
 416178; AB088527; Hs.12822; serologically defined breast cancer ant; none; TM=M;SS=N; 4.558  
 408051; A623531; Hs.172148; ESTs; PH,RhoGAP,none; 4.552307692  
 45 421846; AB017707; Hs.1432; protein kinase C substrate 80K-H; ethand,ldl\_recept\_a; 4.547761194  
 439659; AW970780; Hs.59483; leucine-rich repeat-containing G protein; 7tm\_1,LRF; TM=Y;SS=N; 4.547169811  
 428201; AW182614; Hs.128499; ESTs; SH3,none; 4.541666667  
 424905; NM\_002497; Hs.153704; NIMA (never in mitosis gene a)-related k; pkinase; TM=M;SS=N; 4.536  
 445229; BE276013; Hs.343828; Homo sapiens mRNA for FLJ00085 protein; ; G-alpha; TM=M;SS=N; 4.530688235  
 50 413109; AW369845; Hs.110855; ESTs; PHO4,none; 4.529761905  
 426125; X87241; Hs.188994; FAT tumor suppressor (Drosophila) homolog; EGF\_cadherin,laminin\_G; TM=Y;SS=M; 4.529710145  
 402330; ; Target Exon; pkinase,none; 4.528070175  
 439238; N47305; Hs.302161; EDG-B (endothelial differentiation, sph; 7tm\_1; TM=Y;SS=M; 4.524  
 433437; U20538; Hs.3280; caspase 6, apoptosis-related cysteine pr; ICE\_p10,ICE\_p20; 4.523715415  
 55 413781; J05272; Hs.850; IMP (inosine monophosphate) dehydrogenase; CBS,IMPDH\_C,IMPDH\_N,NPD; TM=M;SS=N; 4.522900763  
 431429; AF072813; Hs.252831; reticulon 3; Reticulon\_Fz,ig,kringle.pkinase; TM=Y;SS=M; 4.512  
 424078; AB006625; Hs.139033; paternally expressed 3; zf-C2H2,KRAB,none; 4.512  
 420602; AF060877; Hs.99236; regulator of G-protein signalling 20; RGS; TM=M;SS=N; 4.51  
 449101; AA205847; Hs.23016; G protein-coupled receptor; 7tm\_1; TM=Y;SS=M; 4.506  
 60 408157; AA047685; Hs.62946; ESTs; none,pkinase; 4.504  
 446291; BE397753; Hs.14623; interferon, gamma-inducible protein 30; GILT; TM=M;SS=Y; 4.50215208  
 431326; AW970580; Hs.198688; KIAA0728 protein; none,none; 4.501  
 428072; BE258602; Hs.182366; heat shock protein 75; HATPase\_c,HSP90; TM=M;SS=N; 4.48828125  
 415149; X12451; Hs.78058; cathepsin L; Peptidase\_C1; 4.484376  
 65 421959; AW751497; Hs.98370; cytochrome P450, subfamily IIS, polypept; p450; TM=Y;SS=M; 4.48  
 445143; U29171; Hs.378918; casein kinase 1, delta; zf-C3HC4,Flamin,zf-B\_box,NHL.pkinase,zf-MIZ; TM=M;SS=N; 4.478092784  
 421071; AJ311238; Hs.104476; ESTs, Weakly similar to CGHU1E collagen; none; TM=Y;SS=M; 4.477337111  
 410590; BE615218; Hs.84746; chloride intracellular channel 3; none; TM=M;SS=N; 4.476  
 438774; AA431620; Hs.379034; hypothetical protein MGC2745; none,none; 4.474874372  
 70 410726; AB23859; Hs.15936; ESTs; pkinase,pro\_Isomerase,none; 4.47  
 429503; AL134187; Hs.83597; cyclin-dependent kinase 5, regulatory su; CDK5\_activator,none; 4.468  
 428485; NM\_006207; Hs.170040; platelet-derived growth factor receptor; ig; 4.464944649  
 433646; AA603319; Hs.155195; ESTs; pou,homeobox,ig\_chen,ANF\_receptor; 4.458  
 410293; AK000047; Hs.81960; hypothetical protein; K\_tetra; TM=M;SS=N; 4.453020134  
 75 453464; AB84911; Hs.32889; receptor (calcitonin) activity modifying; none; TM=Y;SS=N; 4.448198198  
 410583; AW770280; Hs.36258; ESTs, Moderately similar to JC5238 galac; SH3,PDZ,Guanylate\_kin,none; 4.446927374  
 441455; AJ271671; Hs.7854; zinc/iron regulated transporter-like; Zip; TM=Y;SS=M; 4.445010183  
 453064; RA0334; Hs.89463; potassium large conductance calcium-act; none,none; 4.436480187  
 443303; U87319; Hs.9216; caspase 7, apoptosis-related cysteine pr; pkinase,ICE\_p10,ICE\_p20; TM=M;SS=M; 4.433411215  
 80 411825; AK000334; Hs.352415; solute carrier family 39 (zinc transport; SNF,Zip; TM=Y;SS=N; 4.432765152  
 428376; AF119665; Hs.184011; pyrophosphatase (inorganic); Pyrophosphatase; TM=M;SS=N; 4.428571429  
 429592; AB029041; Hs.209646; KIAA1118 protein; Troponin\_Ext\_endo\_phos,IQ; TM=M;SS=N; 4.428  
 419344; U94905; Hs.277445; diacylglycerol kinase, zeta (104kD); ank,DAGKa,DAGKc,DAG\_PE-bind; TM=M;SS=N; 4.426229508

- 427138; N77624; Hs.173717; phosphatidic acid phosphatase type 2B; PAP2; none; 4.4234375  
 414498; W73853; Hs.355424; ESTs; pkinase,F5\_F8\_type\_C,adh\_short;none; 4.42114094  
 429432; A1678059; Hs.202676; synaptonemal complex protein 2; none; TM=M;SS=N; 4.42  
 429322; Z97630; Hs.228117; H1 histone family, member 0; linker\_histone; TM=M;SS=N; 4.419207317  
 5 446700; AW206257; Hs.155326; Human DNA sequence from clone RP11-145L2; none; TM=M;SS=N; 4.418181818  
 435411; AW444619; Hs.138211; ESTs; none; pkinase; 4.414  
 414581; AA256213; Hs.720101; ESTs; none; Cam\_acyltransf,Choline\_kinase,SCO1-SanC,Glycos\_transf\_3,Glycos\_trans\_3N; 4.41  
 418558; AW082266; Hs.86131; Fas (TNFRSF6)-associated via death domain; death,DED; 4.408523909  
 442259; A1690259; Hs.201345; ESTs; Acetyltransf,RhoGAP,FCH,SH3,Kelch;fn3; 4.406  
 10 415860; D56051; Hs.78888; diazepam binding inhibitor (GABA receptor; ACBP; TM=M;SS=N; 4.404678363  
 434419; AL040806; Hs.296938; dual specificity phosphatase 7; DSPc; TM=M;SS=N; 4.404  
 404440; ; NM\_021048; Homo sapiens melanoma antigen; MAGE; TM=M;SS=N; 4.4  
 435542; AA687376; Hs.351228; ESTs; SH3,ig,pkinase,PH,spectrin,RhoGEF;none; 4.394  
 413367; NM\_006517; Hs.75317; solute carrier family 16 (monocarboxylic; sugar\_tr; TM=Y;SS=N; 4.39028777  
 15 435732; AF229178; Hs.123136; leucine rich repeat and death domain con; none; none; 4.38490566  
 427358; AW020782; Hs.79881; Homo sapiens cDNA: FLJ23006 fls, clone L; 7bm\_1; none; 4.382129278  
 425749; AW328587; Hs.159448; surfactant 2; none; 4.382  
 417874; BE618160; Hs.82829; protein tyrosine phosphatase, non-recept; Y\_phosphatase; TM=Y;SS=N; 4.381422925  
 414808; D14694; Hs.77329; phosphatidylserine synthase 1; PSS; TM=Y;SS=N; 4.380681818  
 20 431837; T79326; Hs.331967; olfactory receptor, family 2, subfamily ; none, 7bm\_3,sushi,ANF\_receptor; 4.376  
 417115; AW952792; Hs.334612; small nuclear ribonucleoprotein polypept; Sm,pkinase; 4.370247934  
 434876; AF160477; Hs.61460; Ig superfamily receptor LNIR; Ig,Rhbd,glycop; TM=Y;SS=M; 4.37  
 430379; AF134149; Hs.240395; potassium channel, subfamily K, member 6; ion\_trans; TM=Y;SS=M; 4.367777778  
 25 403912; ; C5000394; gll12737280[ra]XP\_006682.2] k; none; TM=M;SS=N; 4.367694478  
 426268; AF023426; Hs.168913; serine/threonine kinase 24 (Ste20, yeast; pkinase; 4.366348449  
 434263; N34895; Hs.79187; ESTs; Ig;none; 4.358527132  
 404780; ; Target Exon; cadherin; TM=M;SS=M; 4.356  
 413076; U10564; Hs.75188; wee1 (S. pombe) homolog; pkinase; TM=M;SS=N; 4.35472973  
 420757; X78592; Hs.99915; androgen receptor (dihydrotestosterone r; hormone\_rec,zf-C4,Androgen\_recep; TM=M;SS=N; 4.354  
 30 426812; AF105365; Hs.172613; solute carrier family 12 (potassium/chlor; none; TM=Y;SS=N; 4.353244838  
 431674; AA089801; Hs.301642; G-protein coupled receptor; none; GCV\_H; 4.35  
 431886; L77954; Hs.271980; mitogen-activated protein kinase 6; pkinase; TM=M;SS=N; 4.347893916  
 447719; BE387402; Hs.19333; hypothetical protein FLJ10349; adenylylkinase,ATP-bind; TM=M;SS=N; 4.346007805  
 424837; BE276113; Hs.333034; N-acetyltransferase, homolog of S. cerev; Acetyltransf; TM=M;SS=N; 4.344  
 35 449437; A1702038; Hs.100057; Homo sapiens cDNA: FLJ22902 fls, clone K; none; none; 4.334722222  
 411768; NM\_013371; Hs.71979; Interleukin 19; IL10; 4.322  
 445350; AF052112; Hs.12540; lysophospholipase I; abhydrolase\_2; TM=M;SS=N; 4.320359281  
 425864; AW889928; Hs.9071; progesterone membrane binding protein; homeobox; none; 4.318867925  
 405098; BE387614; Hs.25797; splicing factor 3b, subunit 4, 48kD; mrm; TM=M;SS=N; 4.316573557  
 40 408908; BE296227; Hs.250822; serine/threonine kinase 16; pkinase; 4.316  
 400280; H18836; Hs.31608; hypothetical protein FLJ20041; none; Cys\_knot; 4.314728682  
 438899; AF085833; Hs.136824; ESTs; none; P13\_P14\_kinase,P13Ka,P13K\_C2,P13K\_rbd,P13K\_p85B; 4.314084507  
 418883; BE387038; Hs.12111; acid phosphatase 5, tartrate resistant; Metallophos; TM=M;SS=M; 4.312121212  
 419307; H25557; Hs.91579; Homo sapiens clone 23783 mRNA sequence; IMP4; TM=M;SS=N; 4.304407714  
 45 421532; AW138207; Hs.146170; hypothetical protein FLJ22969; Armadillo\_seg,HEAT; TM=M;SS=N; 4.304  
 430017; AA263172; Hs.35; protein tyrosine phosphatase, non-recept; Y\_phosphatase; TM=M;SS=M; 4.302  
 447224; BE617125; Hs.142076; gb:601441664F1 NIH\_MGC\_65 Homo sapiens c; none; NA;NA; 4.302  
 425424; NM\_004954; Hs.157199; ELKL motif kinase; pkinase,UBA,KAI; TM=M;SS=N; 4.301639344  
 454042; H22570; Hs.47880; hypothetical protein FLJ20093; ig,pkinase,LRR,LRRNT,LRRCT;none; 4.30141844  
 50 446143; AL044962; Hs.306079; sec61 homolog; NUDIX,secY,E1\_dehydrog,transket\_pyr; TM=Y;SS=M; 4.308872093  
 428981; BE313077; Hs.93135; ESTs, Weakly similar to ALLJ2\_HUMAN ALLJ S; none; mrm; 4.292620865  
 432562; BE631048; Hs.278422; DKFZP586G1122 protein; zf-C2H2; TM=M;SS=N; 4.290268449  
 432945; AL043683; Hs.8173; hypothetical protein FLJ10803; none; TM=M;SS=M; 4.288405797  
 421921; H8363; Hs.355933; translocase of inner mitochondrial membri; Pf1Th10\_DDP,ehand,CH,spectrin,serpin; TM=M;SS=N; 4.284  
 55 448564; AL044962; Hs.21453; inositol 1,4,5-trisphosphate 3-kinase C; IPK; 4.28067554  
 453941; U39817; Hs.36820; Bloom syndrome; DEAD,helicaso\_C,HRDC; TM=M;SS=N; 4.28  
 437712; X04588; Hs.85844; neurotrophic tyrosine kinase, receptor; ; Tropomyosin,pkinase,LRR,LRRCT,Hydantoinase\_B,Hydantoinase\_A; TM=M;SS=N; 4.277477478  
 417426; NM\_002291; Hs.82124; laminin, beta 1; laminin\_EGF,laminin\_Niam,Integrin\_B; 4.276162791  
 450296; AL041948; Hs.24765; hepatocyte growth factor-regulated tyros; none; none; 4.273927393  
 60 438012; AA393254; Hs.43619; ESTs; Armadillo\_seg;none; 4.273134328  
 409619; AK001015; Hs.55220; BCL2-associated athanogene 2; BAG; TM=M;SS=N; 4.273109244  
 418529; AW005695; Hs.250897; TRK-fused gene; Band\_41,ERM,pkinase,LRR,LRRCT,MAM,Nucleoplasmn,Tropomyosin,OPR,filament,bZIP,G-gamma,M,DUF164; TM=M;SS=N; 4.272123894  
 65 415214; A1445236; Hs.125124; EphB2; fn3,pkinase,SAMEPH\_lbd; TM=Y;SS=M; 4.268  
 438233; W52448; Hs.66147; ESTs; Neur\_chan\_LBD,Neur\_chan\_memb,MAGE; 4.26284586  
 429019; AA443280; Hs.279907; myosin IIIa; myosin\_head,pkinase,PRK,IQ; TM=M;SS=N; 4.262  
 424959; NM\_005781; Hs.153937; activated p21cdc42Hs kinase; kdn,ldn\_C,SH3,pkinase,UBA; TM=M;SS=N; 4.260695652  
 453555; AW860427; Hs.342874; transforming growth factor, beta receptor; zona\_pellucida;none; 4.257208766  
 70 417414; AA434689; Hs.367676; dUTP pyrophosphatase; dUTPase,KRAB; 4.251785714  
 453905; NM\_002314; Hs.36566; LIM domain kinase 1; pkinase,LIM,PDZ,zf-PARP; TM=M;SS=N; 4.249116608  
 424232; AB015982; Hs.143460; protein kinase C, mu; pkinase,DAG\_PE-bind,PH; TM=M;SS=N; 4.247692308  
 404883; ; ENSP00000216009; Sodium-glucose cotranspo; 6SF; TM=Y;SS=M; 4.242424242  
 412507; L36645; Hs.73964; EphA4; fn3,pkinase,SAMEPH\_lbd; TM=Y;SS=M; 4.239285714  
 75 411089; AA456454; Hs.355702; cell division cycle 2-like 1 (PITSLRE pr; none; none; 4.237313433  
 436957; AA902488; Hs.122952; ESTs; none,DAGKa,DAGKa,RA,DAG\_PE-bind; 4.236  
 452568; AA805634; Hs.300870; Homo sapiens mRNA; cDNA DKFZp547M072 (r; P13\_P14\_kinase; TM=M;SS=M; 4.23537415  
 433535; AF111106; Hs.3382; protein phosphatase 4, regulatory subunit HEAT; TM=M;SS=N; 4.234793187  
 432728; NM\_006978; Hs.278721; HLA class II region expressed gene KE4; Zip,lg\_chan; TM=Y;SS=M; 4.234545455  
 80 416350; AF188825; Hs.189507; phospholipase A2, group IID; phospho; TM=M;SS=Y; 4.234  
 409533; AW969543; Hs.144609; mitogen-activated protein kinase kinase ; Peptidase\_C48;none; 4.230886667  
 427127; AW302282; Hs.22265; pyruvate dehydrogenase phosphatase; PP2C;none; 4.228009259  
 403362; ; NM\_001615; Homo sapiens actin, gamma 2 ; actin; 4.22688478  
 417866; AW087903; Hs.82772; collagen, type XI, alpha 1; Collagen,COL1,TSPN,laminin\_G,CorA; 4.226388889



428897; AJ245719; Hs.194385; hypothetical protein FLJ20234; SH2;TM=M;SS=N; 4.224731183  
 425771; BE561776; Hs.158494; Bruton agammaglobulinemia tyrosine kinase; SH2,SH3,pkinase,PH,BTK;TM=M;SS=N; 4.223684211  
 418586; C21220; Hs.321717; hypothetical protein FLJ10875; zf-C2H2,BTB,K\_tetra,7tm\_1; 4.222807018  
 454098; W27953; Hs.217493; Plekophilin; none,none; 4.22  
 424381; AA265249; Hs.146329; protein kinase Chk2 (CHEK2); pkinase,FHA,DnaJ;TM=M;SS=N; 4.21875  
 419223; X60111; Hs.1244; CD9 antigen (p24); transmembrane4;TM=Y;SS=M; 4.217130215  
 436766; Z18364; Hs.198298; v-src avian sarcoma (Schmidt-Rupplin A-2); none,none; 4.216  
 450167; AA446404; Hs.24563; NTF2-related export protein 1; NTF2;TM=M;SS=N; 4.215163934  
 416224; NM\_002902; Hs.79088; reticulocalbin 2, EF-hand calcium bindin; effand; 4.212041885  
 432539; AL138169; Hs.276378; karyopherin beta 2b, transportin; none,DS,UPF0139,Glyco\_hydro\_38; 4.207407407  
 416661; AA634543; Hs.79440; IGF-II mRNA-binding protein 3; KH-domain,rm;TM=M;SS=N; 4.206  
 432284; AA532807; Hs.287740; ESTs; pkinase,none; 4.205454546  
 418758; AW959311; Hs.172012; hypothetical protein DKFZp434J037; pkinase,RIO1;TM=M;SS=N; 4.204142012  
 450056; BE047394; Hs.502; ESTs, Weakly similar to S71512 hypothai; ABC\_tran,ABC\_membrane,lg,MHC\_3l\_beta,SRP54,proteasome,ABC\_membrane,ABC\_tran; 4.202572347  
 412817; AL037159; Hs.74619; proteasome (prosome, macropain) 26S subu; PC\_rep;TM=M;SS=N; 4.202061853  
 425394; AA356730; Hs.323948; kangai 1 (suppression of tumorigenicity); transmembrane4,none; 4.195014663  
 443335; AW150717; Hs.345728; STAT induced STAT inhibitor 3; SH2;TM=M;SS=N; 4.192248062  
 415023; AA932146; Hs.355397; Homo sapiens clone TCCCA00164 mRNA sequ; none,NA,NA; 4.192  
 443907; AU076484; Hs.5953; TYRO protein tyrosine kinase binding pro; none;TM=M;SS=Y; 4.191876981  
 445330; R52656; Hs.21691; ESTs; 7tm\_1,none; 4.189922481  
 430016; NM\_004736; Hs.227656; xenotropic and polytropic retrovirus rec; SPX,EXS;TM=Y;SS=N; 4.188333333  
 434633; AI189587; Hs.120915; ESTs; SH3,PH,RhoGAP,none; 4.187106918  
 452908; AB001451; Hs.30955; neuronal Shc adaptor homolog; SH2,PI3,Zn\_carbOpept;TM=M;SS=N; 4.186885246  
 439318; AW837046; Hs.6527; G protein-coupled receptor 56; 7tm\_2,Cyt\_casm,GPS;TM=Y;SS=M; 3.930957684  
 432201; AL538613; Hs.298241; Transmembrane protease, serine 3; ldl\_recept\_a,trypsin;TM=Y;SS=M; 3.893103448  
 428969; AF120274; Hs.194689; artemin; TGF-beta; 3.884030418  
 444633; AF111713; Hs.12284; junctional adhesion molecule 1; lg;TM=Y;SS=M; 3.831668044  
 432305; M62402; Hs.274313; insulin-like growth factor binding prole; thyroglobulin\_1,IGFBP,A2M\_N;TM=M;SS=N; 3.742995346  
 405547; ; NM\_018833; Homo sapiens transporter 2, A; ABC\_tran,SRP54,ABC\_membrane;TM=Y;SS=M; 3.676  
 407853; AA336797; Hs.40499; dickkopf (Xenopus laevis) homolog 1; none;TM=M;SS=Y; 3.634  
 426427; M86699; Hs.169840; TTK protein kinase; pkinase; 3.662  
 427585; D31152; Hs.179729; collagen, type X, alpha 1 (Schmid metaph; C1q,Collagen; 3.49  
 405548; ; NM\_018833; Homo sapiens transporter 2, A; ABC\_tran,SRP54,ABC\_membrane;TM=Y;SS=M; 3.422661871  
 439820; AL360204; Hs.283853; Homo sapiens mRNA full length insert cDN; none,none; 3.402  
 404210; ; NM\_005938; Homo sapiens myeloid/lymphoid; FHA,PDZ,RA,DIL;TM=M;SS=N; 3.368807339  
 424522; AL134847; Hs.149557; ribosomal protein S6 kinase, 60kD, poly; pkinase,pkinase\_C; 3.213402062  
 418678; NM\_001327; Hs.87225; cancer/testis antigen (NY-ESO-1); none;TM=M;SS=N; 3.084  
 451106; BE382701; Hs.25960; N-MYC oncogene; HLH,Myc\_N\_term;TM=M;SS=N; 1.55

## TABLE 17B

Pkey: Unique Eos probaset identifier number  
 CAT number: Gene cluster number  
 Accession: Genbank accession numbers

Pkey	CAT Number	Accession
418869	12789_14	AA220762 AA230035

## TABLE 17C

Pkey: Unique number corresponding to an Eos probaset  
 Ref: Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled "The DNA sequence of human chromosome 22." Dunham I. et al., Nature (1998) 402:489-495.  
 Strand: Indicates DNA strand from which exons were predicted.  
 Nt\_position: Indicates nucleotide positions of predicted exons.

Pkey	Ref	Strand	Nt_position
402075	8117407	Plus	121907-122035,122804-122921,124019-12416
401781	7248190	Minus	83215-83435,83531-83656,83740-83901,8423
405484	6922025	Plus	199214-199579,199672-199920,200262-20049
405932	7767812	Minus	123525-123713
400617	9796686	Minus	49996-50346
402328	4464283	Minus	13759-13922,14558-14752
405545	1054740	Plus	118677-118907,119091-119298,121826-12182
402330	4464283	Minus	15325-15380,15484-15583,15842-15915
404440	7528051	Plus	80430-81581
403912	7710730	Minus	72000-72230,72431-72700,72929-73199
404760	7767724	Plus	223266-223352,224472-224585
404883	5101762	Minus	94626-94730,96998-97069
403362	8571772	Plus	64099-84260
405547	1054740	Plus	124361-124520,124914-125050
405546	1054740	Plus	124010-124183
404210	5006246	Plus	169926-170121

Table 18A: 194 Up-Regulated Genes in Uterine Cancer Versus Normal Adult Tissues

Table 18A lists about 194 genes up-regulated in uterine cancer compared to normal adult tissues. These were selected from 59680 probesets on the Affymetrix/Eos-Hu03 GeneChip array such that the ratio of "average" uterine cancer to "average" normal adult tissues was greater than or equal to 3.0. The "average" uterine cancer level was set to the 2<sup>nd</sup> highest amongst uterine cancers. The "average" normal adult tissue level was set to the 90<sup>th</sup> percentile value amongst non-malignant tissues. In order to remove gene-specific background

levels of non-specific hybridization, the 15<sup>th</sup> percentile value amongst non-malignant tissues was subtracted from both the numerator and the denominator before the ratio was evaluated.

5	Pkey:	Unique Eos probeset identifier number			
	ExAccn:	Exemplar Accession number, Genbank accession number			
	UnigeneID:	Unigene number			
	Unigene Title:	Unigene gene title			
	R1:	Ratio of tumor vs. normal tissue			
10	Pkey	ExAccn	UnigeneID	Unigene Title	R1
15	449034	AI624049		gb:ts41a09.x1 NCI_CGAP_UH1 Homo sapiens cDNA	55.7
	435084	AI560129	Hs.277523	EST	45.2
	438617	AI023799	Hs.163242	ESTs	42.6
	421478	AI683243	Hs.97258	ESTs	35.2
	452838	U65011	Hs.30743	Preferentially expressed antigen in melanoma	27.3
20	450451	AW591528	Hs.202072	ESTs	26.0
	428153	AW513143	Hs.98367	hypothetical protein FLJ22252	24.8
	428187	AI687303	Hs.285529	G protein-coupled receptor 49 (GPR49) (HG38)	24.2
	438993	AA828995	Hs.52620	integrin, beta 8	16.7
	436776	AA731111	Hs.291891	ESTs	14.3
25	430491	AL108791	Hs.241559	Homo sapiens mRNA full length insert cDNA clo	13.5
	441377	BE218239	Hs.202656	ESTs	13.5
	400289	X07820	Hs.2258	Matrix Metalloproteinase 10 (Stromelysin 2)	12.3
	400292	AA250737	Hs.72472	BMPRII; bone morphogenetic protein receptor Ib	10.7
	403899			predicted exon	10.1
30	442438	AA995998		gb:os26b03.s1 NCI_CGAP_Kd5 Homo sapiens cDNA	10.0
	447350	AI375572	Hs.1939	HER4 (c-erb-B4)	9.8
	453864	AI961486	Hs.12744	ESTs	9.7
	443830	AI142095	Hs.143273	ESTs	9.1
	459325	AW088369	Hs.282184	ESTs	9.0
35	415245	N59650	Hs.27252	ESTs	8.9
	446608	N75217	Hs.257846	ESTs	8.9
	426835	BE395109	Hs.129327	ESTs	8.8
	433426	H69125	Hs.133525	ESTs	8.7
	437960	AI669586	Hs.222194	ESTs	8.5
40	441081	AI584019	Hs.169008	ESTs, Moderately similar to plakophilin 2b [H	8.3
	440048	AA897461	Hs.158469	ESTs, Weakly similar to envelope protein [Hs	7.3
	447835	AW591623	Hs.164129	ESTs	7.2
	440870	AI687284	Hs.160539	Homo sapiens cDNA FLJ13793 fis, clone THYRO10	7.1
	412925	AI089319	Hs.179243	ESTs	7.0
45	408562	AI436323	Hs.31141	Roundabout homolog 2 transmembrane receptor (robo2)	7.0
	429272	W25140	Hs.110667	ESTs	6.9
	453197	AI916269	Hs.109057	ESTs, Weakly similar to ALU5_HUMAN ALU SUBFAM	6.3
	437898	AI950087		ESTs; Weakly similar to Gag-Pol polyprotein	6.2
	420610	AI683183	Hs.99348	distal-less homeo box 5	6.2
50	448672	AI855511	Hs.225106	ESTs	6.1
	452461	N78223	Hs.108106	transcription factor	6.1
	413335	AI613318	Hs.48442	ESTs	6.1
	449811	AI970394	Hs.197075	ESTs	6.0
	448260	AA741180	Hs.29879	ESTs	6.0
55	412140	AA219691	Hs.73625	RAB6 interacting, kinesin-like (rakinesin6)	6.0
	443715	AI583187	Hs.9700	cyclin E1	6.0
	432113	AA935085	Hs.152385	ESTs	5.9
	424834	AK001432	Hs.153408	Homo sapiens cDNA FLJ10570 fis, clone NT2RP20	5.7
	410658	AW105231	Hs.192035	ESTs	5.7
60	426465	AI758948		gb:ly16f07.x1 NCI_CGAP_UH3 Homo sapiens cDNA	5.7
	446704	AI337228	Hs.197083	ESTs	5.6
	419503	AA243642	Hs.137422	ESTs	5.6
	444342	NM_014368	Hs.10887	similar to lysosome-associated membrane glyco	5.4
	436076	AI183277	Hs.120954	ESTs	5.4
65	408607	M31126	Hs.272620	pregnancy specific beta-1-glycoprotein 9	5.3
	445258	AI635931	Hs.147613	ESTs	5.3
	440901	AA908358	Hs.128612	ESTs	5.3
	434636	AA083764	Hs.241334	ESTs	5.3
	429334	D63078	Hs.186180	Homo sapiens cDNA: FLJ23038 fis, clone LNG020	5.2
70	418852	BE537037	Hs.273294	hypothetical protein FLJ20069	5.2
	459563	AI907673		gb:JL-BT152-080399-004 BT152 Homo sapiens cDN	5.2
	436787	AA908554	Hs.192756	ESTs	5.2
	400901	X09835	Hs.1657	Estrogen receptor 1	5.1
	428771	AB026992	Hs.193143	KIAA1069 protein	5.1
75	444929	AI655841	Hs.161354	ESTs	5.0
	453922	AF053308	Hs.36708	budding uninhibited by benzimidazoles 1	5.0
	405609			predicted exon	5.0
	410102	AW248508	Hs.279727	ESTs	5.0
	433283	BE041135	Hs.175622	ESTs	4.8
80	443270	NM_004272	Hs.9192	Homer, neuronal immediate early gene, 1B	4.8
	410247	AF181721	Hs.61345	RU2S	4.7
	422589	AA312735	Hs.179725	ESTs	4.7
	452771	T05477		gbc:EST03366 Fetal brain, Stratagene (cat93620	4.7
	407275	AI364186		gb:qw34h07.x1 NCI_CGAP_UH4 Homo sapiens cDNA	4.7
	420440	NM_002407	Hs.97644	mammaglobin 2	4.6
	451105	AI761324		gb:wl60b11.x1 NCI_CGAP_Co16 Homo sapiens cDNA	4.6



	453616	NM_003482	Hs.33846	dynlcn, axonemal, light intermediate polypept	4.6
	424115	AA335497	Hs.293965	ESTs	4.6
	414245	BE148072	Hs.75850	WAS protein family, member 1	4.6
5	423244	AL039379	Hs.209602	ESTs, Weakly similar to ubiquitous TPR motif,	4.5
	441031	AI110684	Hs.7645	fibrinogen, B beta polypeptide	4.5
	447048	AW393080	Hs.228320	Homo sapiens cDNA: FLJ23537 fis, clone LNG076	4.4
	458861	AI630223		PHD finger DNA binding protein isoform 1 (int	4.4
	428758	AA433988	Hs.98502	Homo sapiens cDNA FLJ14303 fis, clone PLACE20	4.3
10	420149	AA255920	Hs.88095	ESTs	4.3
	433479	AW511459	Hs.248972	ESTs	4.3
	449416	AI651016	Hs.246311	ESTs	4.3
	457551	AW821319	Hs.288928	Homo sapiens cDNA: FLJ23296 fis, clone HEP106	4.3
	450109	AI539295	Hs.17967	ESTs	4.3
	436954	AA740151	Hs.130425	ESTs	4.3
15	415511	AI732617	Hs.182382	ESTs	4.3
	410153	BE311926	Hs.15830	Homo sapiens cDNA FLJ12681 fis, clone NT2RM40	4.3
	406411			predicted exon	4.2
	416209	AA236776	Hs.79078	MAD2 (mitotic arrest deficient, yeast, homolog	4.2
20	416456	H57052	Hs.176626	hypothetical protein EDAG-1	4.2
	454892	AW813350		gb:MR3-ST0192-100100-024-g07	4.1
	452249	BE394412	Hs.61252	ESTs	4.1
	438211	AK001581	Hs.80861	polymerase (DNA directed), gamma	4.1
	449765	N92293	Hs.206832	EST, Moderately similar to ALU8_HUMAN ALU SUB	4.1
25	434988	AI418055	Hs.161160	ESTs	4.1
	423515	AA327017	Hs.182204	ESTs	4.0
	435407	AI149774	Hs.117178	ESTs	4.0
	440866	AW511032	Hs.190516	ESTs	4.0
	444783	AK001468	Hs.62180	ESTs	4.0
30	452039	AI922988	Hs.172510	ESTs	4.0
	407300	AA102616	Hs.120768	Homo sapiens cDNA FLJ20483 fis, clone KAT0614	4.0
	425176	AW015644	Hs.301430	ESTs, Moderately similar to TEF1_HUMAN TRANSC	4.0
	449433	AI672095	Hs.9012	ESTs	3.9
	419335	AW960146	Hs.284137	Homo sapiens cDNA FLJ12888 fis, clone NT2RP20	3.9
35	422711	D60641	Hs.21739	Homo sapiens mRNA; cDNA DKFZp586I1518	3.9
	453096	AW294831	Hs.11325	ESTs	3.9
	441962	AW972542	Hs.289008	Homo sapiens cDNA: FLJ21814 fis, clone HEP010	3.9
	445034	AW293376	Hs.160323	ESTs	3.8
	418677	S83308	Hs.87224	SRY (sex determining region Y)-box 5	3.8
40	422219	AW978073		gb:EST380182 MAGE resequences	3.8
	440304	BE159984	Hs.125395	ESTs	3.8
	421863	AI952577	Hs.108972	Homo sapiens mRNA; cDNA DKFZp434P228	3.8
	431322	AW970622		gb:EST382704 MAGE resequences, MAGK	3.8
	400250			predicted exon	3.8
45	428227	AA321649	Hs.2248	INTERFERON-GAMMA INDUCED PROTEIN	3.8
	420092	AA814043	Hs.88045	ESTs	3.8
	415138	C18356	Hs.78045	tissue factor pathway inhibitor 2 TFPI2	3.8
	437212	AI755021	Hs.210775	ESTs	3.8
	409867	AW502161		gb:U1-HF-BR0p-aj-g-12-0-ULr1 NIH_MGC_52	3.7
50	421477	AI904743	Hs.104650	hypothetical protein FLJ10292	3.7
	427119	AIW880562	Hs.114574	ESTs	3.7
	458154	AW816379		gb:QV4-ST0234-181189-035-g01 ST0234	3.7
	434539	AW748078	Hs.214410	ESTs	3.7
	424717	H03754	Hs.152213	wingless-type MMTV integration site family	3.7
55	412078	X69699	Hs.73149	paired box gene 8 (PAX-8)	3.7
	447342	AI199268	Hs.19322	ESTs; Weakly similar to IIII ALU SUBFAMILY J	3.7
	413472	BE242870	Hs.75379	solute carrier family 1 (glut high affinity	3.7
	446619	ALU078843	Hs.313	secreted phosphoprotein 1 (osteopontin)	3.7
	453891	AB037751	Hs.26353	Homo sapiens mRNA full length insert cDNA clo	3.7
60	443613	AI079358		gb:oz39b09.s1 Soares_NhHMPu_S1 Homo sapiens c	3.6
	441285	NM_002374	Hs.167	microtubule-associated protein 2	3.6
	409731	AA125995	Hs.56145	thymosin, beta, identified in neuroblastoma c	3.6
	417847	AI621558	Hs.288312	Homo sapiens cDNA: FLJ22316 fis, clone HRC052	3.6
	441484	AA935481	Hs.58972	ESTs	3.6
65	415802	AA169515	Hs.8008	ESTs	3.6
	446112	AW245919	Hs.301018	ESTs	3.6
	428330	L22524	Hs.2256	matrix metalloproteinase 7 (matrilysin)	3.6
	402806			predicted exon	3.6
70	407905	AW103655	Hs.252905	ESTs	3.6
	424917	AI636208	Hs.96901	Homo sapiens cDNA: FLJ23049 fis, clone LNG025	3.6
	436982	AB018305	Hs.5378	spondin 1, (I-spondin) extracellular matrix p	3.6
	451842	AI820539	Hs.287087	ESTs, Moderately similar to ALU4_HUMAN ALU SU	3.6
	456666	BE066813		gb:RC2-BT0318-110100-012-a08 BT0318 Homo sapl	3.6
	431731	BE256322	Hs.211374	ESTs, Weakly similar to SP49_HUMAN SPLICEOSOM	3.6
75	443695	AW204099	Hs.112759	ESTs, Weakly similar to AF126780 1 retinal sh	3.6
	410358	AW975168	Hs.13337	ESTs, Weakly similar to unnamed protein produ	3.6
	406030			predicted exon	3.5
	408745	AA077391		gb:7B14E12 Chromosome 7 Fetal Brain cDNA libr	3.5
80	430481	AA478678	Hs.203269	ESTs, Moderately similar to ALU8_HUMAN ALU SU	3.5
	437641	AA811452	Hs.291911	ESTs	3.5
	415211	RS4730.comp	Hs.155888	ESTs; Highly similar to SPERM SURFACE PROTEIN	3.4
	443450	N68045	Hs.133529	ESTs	3.4
	457438	NM_014053	Hs.270594	FLVCR protein	3.4
	451264	AI571016	Hs.172967	ESTs	3.4

5	419563	AA526235	Hs.193162	Homo sapiens cDNA FLJ11883 fis, clone HEMBB10	3.4
	427778	AA412323	Hs.105323	ESTs	3.3
	435031	AI632091	Hs.116877	ESTs	3.3
	407366	AF026942		gb:Homo sapiens c1g33 mRNA, partial sequence.	3.3
	417411	AW500068	Hs.6966	Human DNA sequence from clone RP1-187J11 on c	3.3
	431548	AI834273	Hs.9711	Homo sapiens cDNA FLJ13018 fis, clone NT2RP30	3.2
	432415	T16971	Hs.289014	ESTs	3.2
	423126	AA322245	Hs.290165	ESTs	3.2
10	433420	AI674093	Hs.293961	ESTs	3.2
	435174	AA687378	Hs.194624	ESTs	3.2
	444743	AA045848	Hs.11817	nudix (nucleoside diphosphate linked molety X	3.2
	452588	AA889120	Hs.110637	Homeo box A10	3.2
	427304	AA761525	Hs.163863	ESTs	3.2
15	419917	AA320068	Hs.93701	Homo sapiens mRNA; cDNA DKFZp434E232 (from cl	3.1
	417728	AW138437	Hs.24790	KIAA1573 protein	3.1
	419356	AI665166	Hs.7331	ESTs	3.1
	458827	AW086542	Hs.97984	ESTs; Weakly similar to WASP-family protein [	3.1
	435185	AA689480	Hs.289109	dimethylarginine dimethylaminohydrolase 1	3.1
20	416823	N74925	Hs.38761	Homo sapiens cDNA: FLJ21564 fis, clone COL064	3.1
	405174			predicted exon	3.1
	403776			predicted exon	3.1
	426274	D38122	Hs.2007	tumor necrosis factor (ligand) superfamily, m	3.1
	431255	AA497043	Hs.115655	ESTs	3.1
25	442353	BE379694	Hs.49136	ESTs	3.1
	455662	NM_002448	Hs.1494	msh (Drosophila) homeo box homolog 1 (formerl	3.1
	418530	U62801	Hs.79361	kalikrein 6 (neurosin, zyme)	3.1
	454392	BE260893		gb:U01150677F1 NIH_MGC_19 Homo sapiens cDNA c	3.1
	406400			kalikrein 8 (neuropsin/cvasin)	3.0
30	438949	AW979197	Hs.292073	ESTs	3.0
	430704	AW813091		gb:RC3-STO186-240400-111-d07 ST0186 Homo sapi	3.0
	401517			predicted exon	3.0
	417630	AW504786	Hs.132808	epithelial cell transforming sequence 2 oncog	3.0
	435267	N23797	Hs.110114	ESTs	3.0
35	426384	AI472078		ESTs	3.0
	422797	AB033064	Hs.120908	KIAA1238 protein	3.0
	428832	AA578229		gb:n22b12.s1 NCL_CGAP_HSC1 Homo sapiens cDNA	3.0
	449722	BE280074	Hs.23960	cyclin B1	3.0
	418478	U38845	Hs.1174	cyclin-dependent kinase inhibitor 2A	3.0
40	422589	AW856665		gb:RC3-CT0297-250100-013-d03 CT0297 Homo sapi	3.0

TABLE 18B

45	Pkey: CAT number: Accession:	Unique Eos probeset identifier number Gene cluster number Genbank accession numbers	
	Pkey	CAT number Accession	
50	408745 408857 422219 422699 426384	115237_1 1156530_1 213547_1 219896_1 266211_1 267664_1 288144_1 322217_1 331543_1 44573_2	AA077391 AI347618 AI361453 AI088754 AW207491 AW960912 AA921874 AA286833 AA150722 BE152353 AW188822 BE152450 AW502161 AW502587 AW502345 AW978079 AW978072 AA807550 AA305667 AW856665 AA316008 AW854733 AA72078 AA377209 AA865507 AI758948 AA379527 AA379948 AA379262 AW963933 AA578229 AA438432 AA481375 AA481363 AW813091 AW206655 AA484440 AW970822 AA503009 AA502998 AA502989 AA502805 T92188 AI950087 N70208 R97040 N36809 AI308119 AW567677 N35320 AI251473 H59397 AW971573 R97278 W01059 AW967671 AA806598 AA251875 AI820501 AI820532 W87891 T85904 U71456 T82391 BE328571 T75102 R34725 AA884922 BE328517 AI219788 AA884444 N92578 F13493 AA927794 AI560251 AW874068 AL134043 AW235363 AA563345 AW006282 AA488954 AA283144 AI890387 AI950344 AI741346 AI689062 AA282915 AW102698 AI872193 AI763273 AW173586 AW160329 AI653832 AI762688 AA888777 AA488892 AI356394 AW103813 AI539642 AA642789 AA856975 AW505512 AI961630 AW629870 BE612881 AW276997 AW513501 AW512843 AA044209 AW856538 AA180009 AA337499 AW961101 AA251669 AA251874 AI819225 AW205882 AI883338 AI858509 AW276905 AI633006 AA972584 AA908741 AW072629 AW513996 AA293273 AA969759 N75628 N22388 HB4729 H60052 T92487 AI022068 AA780419 AA551005 W80701 AW613456 AI373032 AI564269 F00531 H83488 W37181 W78802 R66056 AI002839 R57840 AA300207 AW959581 T63228 F04005 AA828995 AA834879 AI926361 AA895898 AI916584 R61781 T77332 F07756 F08149 F07647 AI079356 W23287 AI624049 AW117770 AI858360 AI761324 AW680941 AW880937 T05477 T07855 AI917711 BE260893 AA078319 R85057 AW803024 H85811 AA078293 AW813350 AW816082 AW813476 AW813383 BE065813 BE065788 BE065889 BE065832 AW816379 AA888282 AA879046 AA879195 AI630223 AI630470
60			
65	438993 442438 443613 449034 451105 452771 454392 454682 455686 458154 458861	467651_1 542469_1 575391_1 794817_1 859083_1 930983_1 115882_1 1229118_1 1349545_1 491768_1 798085_1	
70			
75			

TABLE 18C

80	Pkey:	Unique number corresponding to an Eos probeset
	Ref:	Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled "The DNA sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.

Strand: Indicates DNA strand from which exons were predicted.  
 Nt\_position: Indicates nucleotide positions of predicted exons.

5	Pkey	Ref	Strand	Nt_position
	401517	7577912	Plus	29278-29770
	402606	9909429	Minus	81747-82094
	403776	7770611	Minus	1414-1513,1624-1756
10	403899	7381715	Minus	9144-9350
	405174	7108030	Minus	102614-103063
	406609	5757553	Minus	42814-43010,43583-43783,44863-45033,46429-46554,47815-48018,49961-50153,51624-51727,51823-51959,52702-52918,55469-55601,57111-57307,58169-58296,60215-60332,61482-61727
	406030	8312328	Minus	96123-96547
15	406400	9256288	Plus	1553-1712,1878-2140,4252-4385,5922-6077
	408411	9256407	Plus	7400-7527

20 Table 19A: 225 Up-Regulated Genes Encoding Extracellular/Cell Surface Proteins, UTERINE Cancer Versus Normal Adult Tissues

Table 19A lists about 225 genes up-regulated in uterine cancer compared to normal adult tissues that are likely to encode extracellular or cell-surface proteins. These were selected as for Table 18A, except that the ratio was greater than or equal to 2.0, and the predicted protein contained a structural domain that is indicative of extracellular localization (e.g. Ig, fn3, egf, 7tm domains, signal sequences, transmembrane domains). The predicted protein domains are noted.

25 Pkey: Unique Eos probe/seq identifier number  
 ExAcon: Exemplar Accession number, Genbank accession number  
 UnigeneID: Unigene number  
 Unigene Title: Unigene gene title  
 PSDomain: Protein Structural Domain  
 R1: Ratio of tumor vs. normal tissue

30	Pkey	ExAcon	UnigeneID	Unigene Title	PSDomain	R1
35	452838	U65011	Hs.30743	Preferentially expressed antigen in melanoma	TM	27.3
	438993	AA828995	Hs.52620	integrin; beta 8	SS,TM,Integrin_B	16.7
	400289	X07820	Hs.2258	Matrix Metalloproteinase 10 (Strom	SS,hemopexin	12.3
	446808	N75217	Hs.257846	ESTs	TM	8.9
	433425	H69125	Hs.133525	ESTs	TM	8.7
40	440870	AJ687284	Hs.150539	Homo sapiens cDNA FLJ13783 fis, clo	TM,PAX	7.1
	408582	AJ436323	Hs.31141	Roundabout homolog 2 transmembrane	SS,TM,Ig,fn3	7.0
	420610	AF683183	Hs.99348	distal-less homeo box 5	TM,homeobox	6.2
	412140	AA219691	Hs.73625	RAB8 interacting, kinesin-like (rab	TM,kinesin	6.0
	443715	AF583187	Hs.9700	cyclin E1	TM,cyclin	6.0
	432113	AA935065	Hs.152385	ESTs	TM	5.9
45	419503	AA243642	Hs.137422	ESTs	TM	5.5
	444342	NM_014398	Hs.10887	similar to lysosome-associated memb	TM,Lamp	5.4
	436076	AF193277	Hs.120954	ESTs	TM	5.4
	405687	M31126	Hs.272620	pregnancy specific beta-1-glycoprot	TM,hemopexin	5.3
	418852	BE537037	Hs.273294	hypothetical protein FLJ20069	TM	5.2
50	459593	AJ907673		gb:U152-080399-004 BT152 Homo s	TM	5.2
	400301	X03635	Hs.1557	Estrogen receptor 1	TM,hormone_rec,zf-C4	5.1
	405809			predicted exon	TM,Myosin_tail,myosin_head	5.0
	453922	AF053306	Hs.36708	budding uninhibited by benzimidazol	TM	5.0
55	410102	AW248508	Hs.279727	ESTs;	SS,TM,	5.0
	433283	BE041135	Hs.175622	ESTs	TM	4.8
	443270	NM_004272	Hs.9192	Homeo, neuronal immediate early gen	TM	4.8
	410247	AF181721	Hs.81345	RJ28	TM	4.7
	422589	AA312735	Hs.179725	ESTs	TM	4.7
60	407275	AF364186		gb:qw34h07.x1 NCL CGAP_U4 Homo sap	TM	4.7
	420440	NM_002407	Hs.97644	mammaglobin 2	TM,Uteroglobulin	4.6
	453616	NM_003462	Hs.33848	dynein, axonemal, light intermediate	TM,Ribosomal_S27a	4.6
	424115	AA335497	Hs.283965	ESTs	TM	4.6
	414245	BE148072	Hs.76850	WAS protein family, member 1	TM,WH2	4.6
	458861	AF590223		PHD finger DNA binding protein iso	TM,PHD	4.4
65	448416	AF651016	Hs.246311	ESTs	SS,TM,	4.3
	420149	AA255920	Hs.88095	ESTs	TM	4.3
	433479	AW511459	Hs.249872	ESTs	TM	4.3
	457551	AW821319	Hs.288928	Homo sapiens cDNA: FLJ23295 fis, cl	TM	4.3
70	406411			predicted exon	TM,ywa,FG-GAP	4.2
	418458	H57052	Hs.176828	hypothetical protein EDAG-1	TM	4.2
	454692	AW813350		gb:MR3-ST0192-100100-024-g07 ST0192	TM	4.1
	436211	AK001581	Hs.80961	polymerase (DNA directed), gamma	TM	4.1
	434988	AF148055	Hs.181160	ESTs	TM	4.1
	444783	AK001468	Hs.62180	ESTs	TM,PH	4.0
75	440886	AW511032	Hs.190516	ESTs	TM,FG-GAP	4.0
	425176	AW015644	Hs.301430	ESTs, Moderately similar to TEF1_HU	TM,Glyco_transf_29,TEA	4.0
	445034	AW293376	Hs.160323	ESTs	TM	3.8
	418677	S83308	Hs.87224	SRY (sex determining region Y)-box	TM,HMG_box	3.8
	400250			predicted exon	TM,Hist_deacetyl	3.8
80	428227	AA321649	Hs.2248	interferon-gamma induced protein	TM,IL8	3.8
	415138	C18358	Hs.78045	tissue factor pathway inhibitor 2 T	TM,Kunitz_BPT1,G-gamma	3.8
	458154	AW816379		gb:QV4-ST0234-181199-035-g01 ST0234	TM,WW	3.7
	421477	AJ904743	Hs.104650	hypothetical protein FLJ10292	TM	3.7

5	413472	BE242870	Hs.75379	solute carrier family 1 (glial high	TM,SDF	3.7
	447342	AI199268	Hs.19322	ESTs; Weakly similar to UH ALU SU	TM	3.7
	446619	AU076643	Hs.313	secreted phosphoprotein 1 (osteopon	TM,Osteopontin	3.7
	453891	AB037761	Hs.36363	Homo sapiens mRNA full length inser	TM	3.7
	441285	NM_002374	Hs.167	microtubule-associated protein 2	TM,tubulin-binding	3.6
10	409731	AA126985	Hs.56145	thymosin, beta, identified in neuro	TM,Thymosin	3.6
	441484	AA935481	Hs.58972	ESTs	TM,tn3lg_Y_phosphatase	3.6
	428330	L22524	Hs.2256	matrix metalloproteinase 7 (matril	SS,Peptidase_M10	3.6
	407905	AW103855	Hs.252905	ESTs	SS,TM,Ephrin	3.6
	436982	AB018306	Hs.5378	spondin 1, (I-spondin) extracellula	SS,TM,	3.6
15	402606			predicted exon	TM	3.6
	443895	AW204089	Hs.112759	ESTs, Weakly similar to AF126780 1	TM	3.6
	437641	AA811462	Hs.291911	ESTs	TM	3.5
	415211	R64730.comp	Hs.155988	ESTs; Highly similar to SPERM SURFA	TM,IQ,Rlia	3.4
	443450	N66045	Hs.133529	ESTs	TM	3.4
20	457438	NM_014053	Hs.270594	FLVCR protein	TM	3.4
	435031	A1632091	Hs.116877	ESTs	TM,RhoGEF,PH	3.3
	417411	AW500008	Hs.6966	Human DNA sequence from clone RP1-1	TM	3.3
	435174	AA087378	Hs.194624	ESTs	TM,SPRY	3.2
	444743	AA045648	Hs.11817	nudix (nucleoside diphosphate linke	TM,mult	3.2
25	433420	AA674093	Hs.293961	ESTs	TM	3.2
	419917	AA320068	Hs.93701	Homo sapiens mRNA; cDNA DKFZp434E23	TM	3.1
	417728	AW138437	Hs.24790	KIAA1573 protein	TM	3.1
	403776			predicted exon	SS,TM,IL8	3.1
	426274	D38122	Hs.2007	tumor necrosis factor (ligand) supe	TM,TNF	3.1
30	416623	N74925	Hs.38761	Homo sapiens cDNA: FLJ21564 fs, cl	TM,Ets	3.1
	405174			predicted exon	TM	3.1
	431265	AA497043	Hs.116685	ESTs	TM	3.1
	456662	NM_002448	Hs.1494	rsh (Drosophila) homeo box homolog	TM,homeobox	3.1
	416530	U62801	Hs.79361	kalikrein 6 (neurosin, zyme)	TM,trypsin,pro_esterase	3.1
35	454392	BE280893		gb:601150677F1 NIH_MGC_19 Homo sapi	TM	3.1
	405400			kalikrein 8 (neuropsin/ovasin)	TM,trypsin	3.0
	401517			predicted exon	TM,HMG14_17	3.0
	417830	AW504786	Hs.132808	epithelial cell transforming sequen	TM	3.0
	435287	N23797	Hs.110114	ESTs	TM	3.0
40	449722	BE280074	Hs.23960	cyclin B1	TM,cyclin	3.0
	419478	U38945	Hs.1174	cyclin-dependent kinase inhibitor 2	TM,ank	3.0
	422689	AW866665		gb:RC3-CT0297-290100-013-603 CT0297	TM,SNF2_N	3.0
	441794	AW197794	Hs.253338	ESTs	TM,ank	2.9
	416658	U03272	Hs.79432	fibrillin 2 (congenital contractura	TM,EGF,TB	2.9
45	431130	NM_006103	Hs.2719	epididymis-specific; whey-acidic pr	SS,wap	2.9
	418113	AI272141	Hs.83484	ESTs	TM,HMG_box	2.9
	402373	AL135225	Hs.301865	dopachrome tautomerase (dopachrome	TM,TEA	2.9
	431989	AW972870	Hs.291069	ESTs	SS	2.9
	400284			Estrogen receptor 1	TM,hormone_rec,zf-C4	2.9
50	438578	AA811244	Hs.164168	ESTs	TM,formyl_transf,AIRS,GARS	2.9
	423513	AF035960	Hs.129719	transglutaminase 5	TM,Transglutamin_N	2.8
	448966	AW372914	Hs.287462	Homo sapiens cDNA FLJ11875 fs, clo	TM	2.8
	431870	AW449902	Hs.105500	ESTs	TM,MHC_Jlg	2.8
	409457	AW818081		gb:CM4-ST0276-101299-058-b09 ST0276	TM	2.8
55	438777	AA825487	Hs.142179	ESTs; Weakly similar to ORF2 [M.mus	TM	2.8
	451807	W62654	Hs.27099	DKFZP584J0863 protein	TM	2.8
	433326	AI379486	Hs.159430	ESTs	TM	2.8
	448221	BE622615		gb:601440775T1 NIH_MGC_72 Homo sapi	TM	2.8
	448141	AM71598	Hs.197531	ESTs	TM,bZIP	2.8
60	456311	AA226832	Hs.190016	ESTs	TM,Sec7	2.8
	405454			predicted exon	TM	2.8
	459287	AL079369		gb:DKFZp584G327R_r1 564 (synonym: h	TM	2.8
	436935	H40685	Hs.31564	ESTs	TM	2.7
	421312	AA824627	Hs.291670	ESTs	TM,G-patch	2.7
65	418882	NM_004898	Hs.88433	ATP-binding cassette, sub-family C	TM,ABC_membrane,ABC_tran	2.7
	424345	AK001580	Hs.145479	Homo sapiens cDNA FLJ10518 fs, clo	TM	2.7
	417956	AA210704	Hs.180465	ESTs	SS,sushi	2.7
	445537	AJ245671	Hs.12844	EGF-like domain; multiple 6	SS,EGF	2.7
	448069	AI467945	Hs.173698	ESTs	SS,TM,	2.6
70	446643	AA194417	Hs.282060	ESTs	TM,ClaI_aptator_s	2.6
	456671	AB011142	Hs.114293	KIAA0570 gene product	TM	2.6
	457258	AA459443	Hs.231816	ESTs	SS	2.6
	436986	AF085888	Hs.269307	ESTs	TM,Spin-Ssty	2.5
	435313	AI789400	Hs.189729	ESTs	TM,MED	2.5
75	417351	T90278	Hs.15049	ESTs	TM,CH	2.5
	412198	AA937111	Hs.69165	ESTs	TM	2.5
	413278	BE563085	Hs.833	interferon-stimulated protein, 15 k	TM,ubiquitin	2.5
	421502	AF111866	Hs.105039	solute carrier family 34 (sodium ph	TM,Na_PI_cotrans	2.5
	418092	R46164	Hs.106604	ESTs	TM,pkinase	2.5
80	410008	AA079562		gb:cm20h12.s1 StrataGene pancreas (	TM,FG-GAP	2.5
	420362	U79734	Hs.97206	huntingtin interacting protein 1	TM,ENTHLLWEQ	2.5
	431974	AW972889	Hs.200934	ESTs	TM,bZIP	2.5
	438209	AL120659	Hs.6111	KIAA0307 gene product	TM,HLH,PAS	2.5
	447578	AA912347	Hs.136585	ESTs	TM	2.5
	414812	X72755	Hs.77367	monokine induced by gamma Interfero	SS,IL8	2.6
	421515	Y11339	Hs.105352	GalNAc alpha-2, 6-sialyltransferase	TM,Glyco_transf_29	2.4
	416402	NM_000715	Hs.1012	complement component 4-binding prot	TM,sushi	2.4

	439899	AF086534	Hs.187561	ESTs, Moderately similar to ALU1_HU	TM	2.4
	428242	H55709	Hs.2250	leukemia inhibitory factor (choline	SS,LIF_OSM	2.4
	417693	AW959741	Hs.40368	adaptor-related protein complex 1,	TM,Claf_adaptor_s	2.4
	428579	AA431765		gbzw80c03.s1 Socres_testis_NHT Hom	TM,HECT	2.4
5	436311	AA708958	Hs.168732	ESTs	TM	2.4
	426920	AA393351	Hs.132121	ESTs	TM	2.4
	426698	AA394104	Hs.97489	ESTs	TM	2.4
	443426	AF098158	Hs.9329	Homo sapiens mRNA for fls353, compl	TM	2.4
10	406815	AA833930	Hs.288036	tRNA Isopentenylpyrophosphate trans	TM,IPPT	2.4
	434608	AF155108	Hs.256150	ESTs, Highly similar to NY-REN-41 a	TM	2.3
	432441	AW292425	Hs.163484	EST	TM,Fork_head	2.3
	435815	Y15065	Hs.4975	potassium voltage-gated channel, KQ	TM	2.3
	402298			predicted exon	TM,zf-C2H2,KRAB	2.3
15	435542	AA887376	Hs.269533	ESTs	TM	2.3
	442952	AJ743251	Hs.131860	ESTs	TM	2.3
	418203	X54942	Hs.83758	CDC28 protein kinase 2	TM,CKS	2.3
	429228	A1553833	Hs.104985	ESTs	TM	2.3
	418969	W33191	Hs.28907	hypothetical protein FLJ20258	TM,SH3	2.3
20	447570	A1868315	Hs.99669	ESTs	TM,PHD	2.3
	405032			predicted exon	TM,FMO-like	2.3
	416566	NM_003914	Hs.79378	cyclin A1	TM,cyclin	2.3
	420900	AL045633	Hs.44269	ESTs	TM,FAD_binding_5	2.3
	430663	AA481289	Hs.178381	ESTs	TM,ABC_membrane,p450	2.3
25	417372	T99755	Hs.290814	ESTs	TM	2.3
	449083	AJ948808	Hs.191144	ESTs	TM	2.3
	410381	BE391804	Hs.82561	guanylate binding protein 1, interf	TM,GBP	2.3
	434131	AJ858275	Hs.143659	ESTs	TM	2.3
	431846	BE019924	Hs.271580	Uroplakin 1B	TM,transmembrane4	2.3
30	425838	NM_012337	Hs.158450	nasopharyngeal epithelium specific	TM	2.3
	440005	AK000517	Hs.6844	hypothetical protein FLJ20510	TM	2.3
	445870	AW410053	Hs.13408	synixin 18	TM	2.3
	430639	AW025427	Hs.233552	ESTs	TM,pkinase	2.3
	439018	AW300867	Hs.26638	membrane-spanning 4-domains, subfam	SS,TM	2.3
35	422095	AJ858872	Hs.288968	ceruloplasmin (ferroxidase)	SS,TM,Cu-oxidase	2.2
	411558	AA102870	Hs.70725	Human GABA-A receptor pi subunit m	TM,neur_chan	2.2
	408380	AF123050	Hs.44532	diubiquitin	TM,7tm_3,ANF_receptor	2.2
	403721			predicted exon	TM	2.2
	440711	AA804389	Hs.143511	ESTs	TM,rm	2.2
40	457285	AJ038858	Hs.228780	ESTs, Highly similar to AF199597 t	TM,efhand	2.2
	422956	BE545072	Hs.122579	ESTs	TM	2.2
	433482	AJ853499	Hs.152817	ESTs	TM	2.2
	431980	AA523596	Hs.222695	Homo sapiens cDNA: FLJ20986 fis, cl	TM	2.2
	420777	AA260223	Hs.130865	ESTs	TM	2.2
45	446659	AJ353361	Hs.226376	ESTs	TM	2.2
	410227	AB009284	Hs.61152	exostoses (multiple)-like 2	TM	2.2
	422282	AF019225	Hs.114309	apolipoprotein L	TM	2.2
	431701	AW935490	Hs.14658	ESTs	TM,Occludin	2.2
	426910	AA470023	Hs.190089	ESTs	TM,MMR_HSR1	2.2
50	405836		Hs.153595	predicted exon	SS,TM,EGF_kd_recept_a	2.2
	401933			predicted exon	TM,lon_trans	2.1
	438679	AJ127483	Hs.120451	ESTs, Weakly similar to unnamed pro	TM	2.1
	451061	AW291457	Hs.213659	ESTs, Weakly similar to KIAA1357 pr	TM	2.1
	410664	NM_006033	Hs.65370	lipase, endothelial	SS,TM,Ribosomal_L22,lipase	2.1
55	449378	AW684028	Hs.59892	ESTs	TM	2.1
	433345	AJ681545	Hs.152982	EST cluster (not in UniGene)	TM	2.1
	425851	NM_001490	Hs.159642	glucosaminyl (N-acetyl) transferase	SS,TM,Branch	2.1
	431832	AW276866	Hs.192715	ESTs	TM,Ets,SAM_PNT	2.1
	448275	BE514434	Hs.20830	synaptic Ras GTPase activating prot	TM,kinesin_abhydrolase_2	2.1
60	423049	X59373	Hs.188023	ESTs	TM,homeobox	2.1
	427510	Z47542	Hs.178312	small nuclear RNA activating comple	TM	2.1
	418076	R61388	Hs.6724	ESTs	TM	2.1
	413570	AB000115	Hs.75470	hypothetical protein, expressed in	TM	2.1
	429183	AB014604	Hs.197955	KIAA0704 protein	TM	2.1
65	439031	AF075079		gb:Homo sapiens full length insert	TM	2.1
	431060	AF039307	Hs.249171	homeo box A11	TM,homeobox	2.1
	451494	AJ799444	Hs.247095	ESTs, Moderately similar to ALU7_HU	TM	2.1
	419978	NM_001454	Hs.93974	forkhead box J1	TM,Fork_head	2.1
	404536	Z25884	Hs.121483	chloride channel 1, skeletal muscle	SS	2.1
70	445181	AW336972	Hs.147471	ESTs	TM	2.1
	452367	U71207	Hs.29279	eyes absent (Drosophila) homolog 2	TM,Hydrolase	2.1
	443591	AJ078281	Hs.179240	ESTs	TM	2.1
	448105	AW591433	Hs.170675	ESTs, Weakly similar to TMS2_HUMAN	TM,trypsin	2.1
	424310	AA338548	Hs.50334	ESTs	TM	2.0
75	450193	AJ916071	Hs.224823	ESTs	TM,pkinase	2.0
	436009	H57130	Hs.120925	ESTs	SS,TM,Ephrin	2.0
	453313	BE005771	Hs.153746	Homo sapiens cDNA: FLJ22490 fis, cl	TM	2.0
	419833	AA251131	Hs.220697	ESTs	TM,WHEP-TRS	2.0
	437555	AA759263	Hs.14041	ESTs	TM,Nramp	2.0
80	411828	AW161449	Hs.72290	wingless-type MMTV Integration site	TM,wnt	2.0
	440052	AJ633744	Hs.195548	ESTs	TM,PAC	2.0
	410718	AJ920783	Hs.191435	ESTs	TM,SQS_PSY	2.0
	404757			predicted exon	TM	2.0
	447462	AW337214	Hs.168973	ESTs	TM	2.0

5	442255	AI701857	Hs.202388	ESTs	TM	2.0
	410292	AA843087	Hs.124194	ESTs	TM	2.0
	442748	AI016713	Hs.135787	ESTs	TM	2.0
	458760	AI498631	Hs.111334	ferritin, light polypeptide	TM,HCO3_cotransp	2.0
	409799	D11928	Hs.76845	phosphoserine phosphatase-like	TM,Hydrolase	2.0
	401324			predicted exon	TM,myosin_head	2.0
	432140	AK000404	Hs.272688	hypothetical protein FLJ20397	SS	2.0
	447641	AK000288	Hs.18800	hypothetical protein FLJ20281	TM,zf-CCHC	2.0
10	421379	Y15221	Hs.103982	small inducible cytokine subfamily	SS,TM,IL8	2.0

TABLE 19B

Pkey: Unique Eos probeset identifier number  
 CAT number: Gene cluster number  
 Accession: Genbank accession numbers

Pkey	CAT number	Accession
409457	1132521_1	AW816081 AW392887 AW514700 AW392881
410008	116812_1	AA079552 BE142525 BE142527
422889	219898_1	AW856685 AA315006 AW954733
428679	294049_1	AA431765 AA432015
438933	467651_1	AA828995 AA834879 AJ926361
439031	46798_1	AF075079 H48601 H48795
448221	75634_1	BE622615
454392	115882_1	BE260893 AA078319 R85057 AW803024 H85811 AA078293
454892	1229118_1	AW813350 AW816082 AW813476 AW813383
458154	491768_1	AW816379 AA898282 AA879046 AA879195
458861	798085_1	AI630223 AI630470
459287	977129_1	AL079369 D81804

TABLE 19C

Pkey: Unique number corresponding to an Eos probeset  
 Ref: Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled "The DNA sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.  
 Strand: Indicates DNA strand from which exons were predicted.  
 Nt\_position: Indicates nucleotide positions of predicted exons.

Pkey	Ref	Strand	Nt_position
401324	9863791	Plus	234057-234174
401517	7677912	Plus	29278-29770
401933	3810668	Minus	48725-49057,51864-51855,52424-52589
402298	6598924	Plus	36758-37953
402606	9909429	Minus	81747-82094
403721	7528046	Minus	158647-157368
403776	7770611	Minus	1414-1513,1624-1756
404767	7882827	Minus	23244-23759
405032	7107731	Minus	131945-132224
405174	7108030	Minus	102814-103063
405454	7656676	Plus	133807-134053
405809	5757553	Minus	42814-43010,43583-43783,44863-45033,46429-46554,47615-48018,49961-50163,51624-51727,51823-51859,52702-52918,55469-55601,57111-57307,58169-58298,60215-60332,61482-61727
405636	5123990	Plus	58384-58587
405400	9256298	Plus	1553-1712,1878-2140,4262-4385,5822-6077
406411	9256407	Plus	7400-7627

Table 20A: 56 Up-Regulated Genes Encoding Extracellular/Cell Surface Proteins, Uterine Cancer Versus Normal Adult Tissues

Table 20A lists about 58 genes up-regulated in uterine cancer compared to normal adult tissues that are likely to encode either enzymes or proteins amenable to modulation by small molecules. These were selected as for Table 18A, except that the ratio was greater than or equal to 2.0, and the predicted protein contained a structural domain that is indicative of enzymatic function or of being modulated by small molecules (e.g. phosphatase, peptidase, isomerase, transporters). The predicted protein domains are noted.

Pkey: Unique Eos probeset identifier number  
 ExAccn: Exemplar Accession number, Genbank accession number  
 UnigenelD: Unigene number  
 Unigene Title: Unigene gene title  
 PSDomain: Protein Structural Domain  
 R1: Ratio of tumor vs. normal tissue

Pkey	ExAccn	UnigenelD	Unigene Title	PSDomain	R1
428187	AI687303	Hs.285529	G protein-coupled receptor 49 (GPR49)	7tm_1	24.2
400289	X07820	Hs.2258	Matrix Metalloproteinase 10 (Stromelysin)	hemopexin	12.3
447350	AI375572	Hs.172634	HER4 (c-erb-B4)	kinase	9.8
420810	AI683183	Hs.99348	distal-less homeo box 5	homeobox	6.2
405609			predicted exon	Myosin_tail,myosin_head	5.0
458881	NM_007358	Hs.31016	PHD finger DNA binding protein	PHD	4.4
410153	BE311926	Hs.15830	Homo sapiens cDNA FLJ12691 ts, clone	NA	4.3

5	436211	AK001681	Hs.80961	polymerase (DNA directed), gamma	NA	4.1
	444783	AK001468	Hs.62180	ESTs	PH	4.0
	418677	S83308	Hs.87224	SRY (sex determining region Y)-box 5	HMG_box	3.8
	413472	BE242870	Hs.75379	solute carrier family 1	SDF	3.7
	443613	AI079356	Hs.21807	gbxz39b09.s1 Soares_NhlHMPu_S1 Homo s	zf-C2H2	3.6
	428330	L22524	Hs.2256	matrix metalloproteinase 7 (matrilysin)	Peptidase_M10	3.6
	443696	AW204099	Hs.112759	ESTs, Weakly similar to AF128780 1 re	NA	3.6
	435031	AI632091	Hs.116877	ESTs	RhoGEF,PH	3.3
10	417411	AW500008	Hs.6966	Human DNA sequence from clone RP1-187	NA	3.3
	435185	AA669450	Hs.289109	dimethylarginine dimethylaminohydrola	NA	3.1
	416530	U62801	Hs.79361	kallikrein 6 (neurosin, zyme)	trypsin,pro_isomerase	3.1
	406400	AA343829	Hs.104570	kallikrein 8 (neurosin/ovasin)	trypsin	3.0
	418478	U36945	Hs.1174	cyclin-dependent kinase inhibitor 2A	ank	3.0
15	441794	AW197794	Hs.253338	ESTs	ank	2.9
	402373	AI135225	Hs.301865	dopachrome tautomerase (dopachrome de	TEA	2.9
	423613	AF035980	Hs.129719	transglutaminase 5	Transglutamin_N	2.8
	448141	AI471598	Hs.197631	ESTs	bZIP	2.8
20	415076	NM_000857	Hs.77880	guanylate cyclase 1, soluble, beta 3	guanylate_cyc	2.7
	418802	NM_004996	Hs.89433	ATP-binding cassette, sub-family C	ABC_membrane,ABC_tran	2.7
	448435	BE293439	Hs.182278	calmodulin 2	NA	2.6
	417351	T90278	Hs.15049	ESTs	CH	2.5
	430372	AI206173	Hs.211375	ESTs	SH3,efhand,C2,PH	2.5
	431974	AW972689	Hs.200934	ESTs	bZIP	2.5
25	428046	AW812795	Hs.155381	ESTs, Moderately similar to I38022 hy	ank	2.4
	421515	Y11339	Hs.105352	GaINAc alpha-2, 6-sialyltransferase I	Glyco_transf_29	2.4
	403095			predicted exon	homeobox,PAX	2.4
	406815	AA833930	Hs.288036	tRNA isopentenylpyrophosphate transfe	IPPT	2.4
	435615	Y15085	Hs.4975	potassium voltage-gated channel	ion_channel	2.3
30	402298			predicted exon	zf-C2H2,KRAB	2.3
	418203	X54942	Hs.83758	CDC28 protein kinase 2	CKS	2.3
	430563	AA481269	Hs.178381	ESTs	ABC_membrane,p450	2.3
	447570	AI858315	Hs.59669	ESTs	PHD	2.3
35	439018	AW300887	Hs.26638	membrane-spanning 4-domains, subfam1	NA	2.3
	415539	AI733881	Hs.72472	BMPRIIb;	bone morphogenetic protein NA	2.2
	422095	AI668872	Hs.289966	ceruloplasmin (ferroxidase)	Ca-oxidase	2.2
	408380	AF123050	Hs.44532	dubiquitin	ANF_receptor,sushi,7tm_1	2.2
	440711	AA904389	Hs.143511	ESTs	rmn	2.2
	457285	AI038858	Hs.228780	ESTs, Highly similar to AF198597 1 A-	efhand	2.2
40	418506	AA084248	Hs.85339	G protein-coupled receptor 39	NA	2.2
	410684	NM_008033	Hs.65370	lipase, endothelial	Ribosomal_L22,lipase,PLAT	2.1
	425851	NM_001490	Hs.159642	glucosaminyl (N-acetyl) transferase 1	Branch	2.1
	446276	BE614434	Hs.20830	synaptic Ras GTPase activating protein	kinasin,PHD,abhydrolase_2	2.1
	429782	NM_005754	Hs.220889	Rac-GTPase-activating protein SH3-dom	rmn,NTF2	2.1
45	404535	Z25884	Hs.121483	chloride channel 1, skeletal muscle	NA	2.1
	448105	AW591433	Hs.170675	ESTs, Weakly similar to TMS2	trypsin	2.1
	446342	BE298665	Hs.14846	Cationic amino acid transporter (ecto	NA	2.0
	458760	AI498831	Hs.111334	ferritin, light polypeptide	HCO3_potransp,zf-C3HC4	2.0
	409799	D11928	Hs.76845	phosphoserine phosphatase-like	Hydrolase	2.0
50	401324			predicted exon	myosin_head	2.0

TABLE 209

Pkey: Unique Eos probeset identifier number  
 CAT number: Gene cluster number  
 Accession: Genbank accession numbers

Pkey CAT number Accession

443613 575391\_1 AI079356 W23287  
 458861 799085\_1 AI630223 AI630470

TABLE 20C

Pkey: Unique number corresponding to an Eos probeset  
 Ref: Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled "The DNA sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.  
 Strand: Indicates DNA strand from which exons were predicted.  
 NL\_position: Indicates nucleotide positions of predicted exons.

Pkey	Ref	Strand	NL_position
401324	9863791	Plus	234057-234174
402298	6588824	Plus	36758-37953
403095	8954339	Plus	150025-150240,151564-151690
405609	5757553	Minus	42814-43010,43583-43763,44863-45033,46429-46554,47815-48018,49961-50153,51624-51727,51823-51959,52702-52918,55489-55601,57111-57307,58169-58296,60215-60332,61482-61727
406400	9256298	Plus	1553-1712,1878-2140,4252-4385,5922-6077

Table 21A: 270 Up-Regulated Genes, Uterine Cancer Versus Normal Uterus

Table 21A lists about 270 genes up-regulated in uterine cancer compared to normal uterus. These were selected as for Table 18A, except that the ratio was greater than or equal to 5.0, and the denominator was the median value for six non-malignant uterine specimens.

Pkey: Unique Eos probe/identifier number

ExAccn: Exemplar Accession number, Genbank accession number

UnigeneID: Unigene number

Unigene Title: Unigene gene title

R1: Ratio of tumor vs. normal tissue

Pkey	ExAccn	UnigeneID	Unigene Title	R1
449034	A1824049		gb:ts41a09.x1 NCL CGAP_U11 Homo sapiens	55.7
435094	A1580129	Hs.277523	EST	45.2
438461	AW075486	Hs.286049	phosphoserine aminotransferase	19.5
434779	AF153815	Hs.50151	potassium inwardly-rectifying channel	15.6
441633	AW958544	Hs.112242	ESTs	15.2
429183	AB014804	Hs.197855	KIAA0704 protein	14.6
436775	AA731111	Hs.291891	ESTs	14.3
441031	A1110684	Hs.7845	fibrinogen, B beta polypeptide	14.0
446921	AB012113	Hs.16530	CC chemokine SCYA18 (MIP-4) (PARC)	13.0
413753	U17760	Hs.301103	Laminin, beta 3 (nicotin (125kD), kalinin	12.9
421515	Y11339	Hs.105352	GaINAc alpha-2, 6-sialyltransferase I, I	12.2
414848	AA353776	Hs.901	CD48 antigen (B-cell membrane protein)	12.0
453891	AB037761	Hs.36353	Homo sapiens mRNA full length insert cDN	11.7
425186	AL037915	Hs.155097	carbonic anhydrase II	11.4
444863	AW384082	Hs.301323	ESTs	11.3
449785	A1225235	Hs.288300	Homo sapiens cDNA: FLJ23231 fls, clone C	11.1
446839	BE091926	Hs.16244	mitotic spindle coiled-coil related prot	10.9
449801	AA477355	Hs.288300	Homo sapiens cDNA: FLJ23231 fls, clone C	10.3
411773	NM_006799	Hs.72026	protease, serine, 21 (testis)	10.3
414812	X72755	Hs.77367	monokine induced by gamma interferon	10.2
410361	BE391804	Hs.62661	guanylate binding protein 1, interferon-	10.1
423645	A1215632	Hs.147487	ESTs	10.1
442438	AA955998		gb:os26b03.s1 NCL CGAP_K1d5 Homo sapiens	10.0
415786	AW419198	Hs.257824	ESTs	10.0
458017	AA813426	Hs.192034	ESTs, Weakly similar to KIAA0705 protein	10.0
435525	A1831297	Hs.123310	ESTs	9.9
413335	A1813318	Hs.48442	ESTs	9.7
420297	A1628272	Hs.88323	ESTs	9.6
452799	A1848829	Hs.213786	ESTs	9.6
434311	BE543469	Hs.266263	Homo sapiens cDNA FLJ14115 fls, clone MA	9.4
408243	Y00787	Hs.624	interleukin 8	9.3
430713	AA351647	Hs.2642	eukaryotic translation elongation factor	9.3
452092	BE245374	Hs.27842	hypothetical protein FLJ11210	9.2
444342	NM_014398	Hs.10687	similar to lysosome-associated membrane	9.2
443830	A1142095	Hs.143273	ESTs	9.1
442547	AA306997	Hs.268362	ESTs, Weakly similar to hypothetical pro	9.0
421633	AF121860	Hs.108260	sorting nexin 10	9.0
403381			0	8.9
426635	BE395109	Hs.129327	ESTs	8.8
440500	AA972165	Hs.150308	ESTs	8.7
436291	BE568452	Hs.6101	ESTs; Highly similar to protein regulati	8.7
431668	AW969610	Hs.151179	ESTs	8.7
439018	AW300887	Hs.26838	membrane-spanning 4-domains, subfamily A	8.7
424988	AU077312	Hs.153985	solute carrier family 7 (cationic amino	8.6
425495	AA358464	Hs.78026	ESTs, Weakly similar to similar to ankyl	8.6
428862	NM_000346	Hs.2316	SRY (sex-determining region Y)-box 9	8.5
438986	AF085889	Hs.269307	ESTs	8.4
422731	AL138411		gb:DKFZp434A1229_r1 434 (synonym: hies3)	8.4
441081	A1584019	Hs.169006	ESTs, Moderately similar to plakophilin	8.3
415992	C05837	Hs.145807	Homo sapiens cDNA FLJ13593 fls, clone PL	8.2
431211	M08849	Hs.5586	Homo sapiens connexin 26 (GJB2) mRNA, co	8.2
409865	AW502208		gb:U1-HF-BR0p-aj-u-09-0-U1.r1 NIH_MGC_6	8.0
448159	A1627292	Hs.190877	ESTs	8.0
401519			0	7.9
441730	A1243276	Hs.149017	ESTs	7.9
432441	AW292425	Hs.163464	EST	7.9
448275	BE514434	Hs.20830	synaptic Ras GTPase activating protein 1	7.8
438424	A1812499	Hs.26895	ESTs, Weakly similar to PI-3 kinase [Hs	7.8
447342	A1199268	Hs.19322	ESTs; Weakly similar to [Hs] ALU SUBFAM1	7.7
408369	R38438	Hs.182575	solute carrier family 15 (H <sup>+</sup> /peptide tra	7.7
423081	AF262992	Hs.123159	sperm associated antigen 4	7.6
414484	BE314385		gb:601154849F1 NIH_MGC_19 Homo sapiens c	7.6
420931	AF044197	Hs.100431	small inducible cytokine B subfamily (Cy	7.6
459142	A1803396		gb:RC-BT029-120199-219_1 BT029 Homo sapi	7.5
411094	BE068142		gb:CM4-BT0320-221159-047-g10 BT0320 Homo	7.5
436679	A1127483	Hs.120451	ESTs, Weakly similar to unnamed protein	7.5
452607	A1180029	Hs.61438	ESTs	7.5
443171	BE281128	Hs.9030	TONDU	7.4
459081	W07808		gb:zb03a12.r1 Soares_fetal_lung_NbHL19W	7.4
431195	AA503083	Hs.79742	ESTs	7.4
444459	A1680624	Hs.148676	ESTs	7.4



5	422765	AW409701	Hs.1578	betuloviral IAP repeat-containing 5 (sur	7.3
	414918	AI219207	Hs.72222	Hypothetical protein FLJ13459	7.3
	429334	D63078	Hs.186180	Homo sapiens cDNA: FLJ23038 fis, clone L	7.3
	448865	R35027		gb:yg60g02.r1 Soares infant brain INIB H	7.3
	409219	AA393383	Hs.133331	ESTs	7.3
10	400491	H25530	Hs.50868	solute carrier family 22 (organic cation	7.2
	403485			0	7.2
	406350	AW183350	Hs.250127	ESTs	7.2
	445873	AA250970	Hs.251946	Homo sapiens cDNA: FLJ23107 fis, clone L	7.1
	400995			0	7.1
15	406086			0	7.1
	403378			0	7.0
	426227	U87058	Hs.168102	Human proteinase activated receptor-2 mR	7.0
	422038	R39098	Hs.192028	ESTs	7.0
	431842	NM_005764	Hs.271473	epithelial protein up-regulated in carc	6.9
20	428732	U20158	Hs.2488	lymphocyte cytosolic protein 2 (SH2 doma	6.9
	427484	AI628385	Hs.130412	ESTs, Weakly similar to sre-2 [C.elegans	6.9
	429272	W25140	Hs.110667	ESTs	6.9
	427258	AA400091	Hs.39421	ESTs	6.9
	449309	AW589823	Hs.224189	ESTs	6.9
25	400104			0	6.9
	416402	NM_000715	Hs.1012	complement component 4-binding protein,	6.8
	404767			0	6.8
	406890	M29540	Hs.220529	CEA (carcinoembryonic antigen-related ce	6.8
	438760	AI359053	Hs.57664	ESTs	6.8
30	403127	AI904493	Hs.99890	polymerase (DNA directed), delta 1, cata	6.8
	418203	X54842	Hs.83768	CDC28 protein kinase 2	6.8
	425958	AA364923		gb:EST75602 Pineal gland II Homo sapiens	6.8
	421712	AK000140	Hs.107139	hypothetical protein	6.7
	456903	D49441	Hs.155881	mesothelin	6.7
35	414564	AA164803	Hs.71994	ESTs	6.7
	457942	AW885685	Hs.153034	ESTs	6.7
	410442	X73424	Hs.63788	propionyl Coenzyme A carboxylase, beta p	6.7
	424596	AB020639	Hs.151017	estrogen-related receptor gamma	6.7
	445537	AJ245671	Hs.12844	EGF-like domain; multiple 6	6.7
40	429597	NM_003816	Hs.2442	a disintegrin and metalloproteinase doma	6.6
	413472	BE242870	Hs.75379	solute carrier family 1 (glial high affi	6.6
	410564	NM_006033	Hs.85370	lipase, endothelial	6.6
	428575	M19684	Hs.184929	serine (or cysteine) proteinase inhibito	6.6
	406400			kallikrein 8 (neuropilin/ovasin)	6.6
45	426317	AA312350	Hs.189294	transcription factor 7 (T-cell specific,	6.5
	441460	AI962478	Hs.226804	ESTs, Moderately similar to ALUC_HUMAN 1	6.5
	412570	AA033517	Hs.74047	electron-transfer-flavoprotein, beta pol	6.5
	424349	AF141289	Hs.145560	solute carrier family 7 (cationic amino	6.5
	448581	AL109781	Hs.21754	Homo sapiens mRNA full length insert cDN	6.4
50	445258	AI635931	Hs.147613	ESTs	6.4
	456032	AW957446	Hs.301711	ESTs	6.4
	404727			0	6.4
	422810	AA317400		gb:EST19374 Refina II Homo sapiens cDNA	6.4
	440044	AW665167	Hs.258563	EST	6.4
55	416498	U33832	Hs.79351	potassium channel, subfamily K, member 1	6.4
	426600	NM_003378	Hs.171014	VGF nerve growth factor inducible	6.4
	422170	AI791949	Hs.112432	anti-Müllerian hormone	6.4
	449611	AI870384	Hs.197075	ESTs	6.4
	402539	AW502761	Hs.30809	KIAA0430 gene product	6.3
60	456983	AI081687	Hs.170225	thymopentin	6.3
	407910	AA850274	Hs.41296	fibronectin leucine rich transmembrane p	6.3
	457887	AI240007	Hs.148812	ESTs	6.3
	431766	AF124249	Hs.268541	novel SH2-containing protein 1	6.3
	420344	BE483721	Hs.97101	Putative G protein-coupled receptor GPCR	6.2
65	443494	T99719	Hs.270404	Homo sapiens cDNA: FLJ22389 fis, clone H	6.2
	456844	AI264155	Hs.152981	CDP-diacylglycerol synthase (phosphatide	6.2
	416623	N74925	Hs.38761	Homo sapiens cDNA: FLJ21564 fis, clone C	6.2
	413982	BE603035	Hs.279193	ESTs	6.2
	458091	AF150288		gb:AF150288 Human mRNA from cd34+ stem c	6.2
70	402104			0	6.2
	428771	AB028982	Hs.193143	KIAA1069 protein	6.1
	435313	AI789400	Hs.189729	ESTs	6.1
	441666	AI188346	Hs.301776	ESTs	6.1
	416111	AA033813	Hs.79018	chromatin assembly factor 1, subunit A (	6.1
75	427308	D26067	Hs.174905	KIAA0033 protein	6.1
	423089	W15613	Hs.1613	adenosine A2a receptor	6.1
	416655	AW968813	Hs.79428	BCL2/adenovirus E1B 19kD-interacting pro	6.1
	417079	U66590	Hs.61134	Interleukin 1 receptor antagonist	6.1
	449409	AI650935	Hs.301694	ESTs	6.1
80	400855			0	6.1
	454682	AW813350		gb:MR3-ST0192-100100-024-g07 ST0192 Homo	6.0
	414869	AA157291	Hs.72163	ESTs	6.0
	439682	H97552	Hs.269060	ESTs	6.0
	445181	AW338972	Hs.147471	ESTs	6.0
	437129	AL049327		gb:Homo sapiens mRNA; cDNA DKFZp564E018	6.0
	440128	AA962623	Hs.189144	ESTs, Weakly similar to NPT2_HUMAN RENAL	6.0
	443715	AI583187	Hs.9700	cycIn E1	6.0

5	422355	AW403724	Hs.140	Immunoglobulin heavy constant gamma 3	5.9
	405291			0	5.9
	432113	AA935065	Hs.152385	ESTs	5.9
	441236	AA923489	Hs.130432	ESTs	5.9
	424418	BE503432	Hs.66170	HSKM-B protein	5.9
10	453028	AB006532	Hs.31442	RecQ protein-like 4	5.8
	407137	T97307	Hs.199067	EST	5.8
	443462	AI064690	Hs.171176	ESTs	5.8
	454392	BE280893		gb:601150677F1 NIH_MGC_19 Homo sapiens c	5.8
	456311	AA225632	Hs.190016	ESTs	5.8
15	446501	AI302616	Hs.150819	ESTs	5.8
	433921	AA618174		gb:nq14f01.s1 NCI_CGAP_Thy1 Homo sapiens	5.8
	409615	AW444881		gb:UH-H-BI3-sjz-a-04-0-UI.s1 NCI_CGAP_Su	5.8
	459360	BE384526		gb:601277913F1 NIH_MGC_20 Homo sapiens c	5.8
	403824			0	5.8
20	428187	AI687303	Hs.285529	G protein-coupled receptor 49 (GPR49)	5.8
	412140	AA219591	Hs.73625	RAB6 interacting, kinesin-like (rabklins	5.7
	410658	AW105231	Hs.192035	ESTs	5.7
	426465	AI758948		gb:xy16f07.x1 NCI_CGAP_U13 Homo sapiens	5.7
	443695	AW204099	Hs.112759	ESTs, Weakly similar to AF126790 1 retin	5.7
25	437372	AA323958	Hs.283631	hypothetical protein DKFZp547G183	5.7
	405392			0	5.7
	437100	AI761073	Hs.14535	Homo sapiens cDNA: FLJ22314 fis, clone H	5.7
	449796	AA004321	Hs.194397	ESTs	5.7
	408361	NM_005982	Hs.54416	sine oculis homeobox (Drosophila) homolo	5.7
30	428987	NM_004751	Hs.194710	glucosaminyl (N-acetyl) transferase 3	5.7
	404220			0	5.6
	420973	AA743415	Hs.291368	ESTs	5.6
	430491	AL109791	Hs.241659	Homo sapiens mRNA full length Insert cDN	5.6
	442549	AI751801	Hs.8375	TNF receptor-associated factor 4	5.6
35	409887	AW502161		gb:UH-HF-BR0p-sjz-g-12-0-UI.r1 NIH_MGC_5	5.6
	451110	AI955040	Hs.301584	ESTs	5.6
	418216	AA662240	Hs.283099	AF15q14 protein	5.6
	411897	AW875066		gb:RC6-PT0001-180100-021-F04 PT0001 Homo	5.6
	456181	BE264645	Hs.282093	Homo sapiens cDNA: FLJ21918 fis, clone H	5.6
40	406536			0	5.6
	432540	AI821517	Hs.105866	ESTs	5.6
	446315	NM_016293	Hs.14770	bridging integrator 2	5.6
	449270	NM_004272	Hs.9192	Homar, neuronal immediate early gene, 1B	5.6
	451035	AU076785	Hs.430	plastin 1 (I isoform)	5.6
45	406885	M18728		gb:Human nonspecific crossreacting anti	5.5
	454580	AW809762	Hs.222056	Homo sapiens cDNA FLJ11572 fis, clone HE	5.5
	402430			0	5.5
	446704	AI337228	Hs.197083	ESTs	5.5
	435282	AA677428	Hs.189731	ESTs	5.5
50	426062	N57014	Hs.44013	ESTs	5.5
	415451	H19415	Hs.268720	ESTs, Moderately similar to ALU1_HUMAN A	5.5
	458002	AI828729	Hs.191450	ESTs, Weakly similar to type II membrane	5.5
	409513	AW444816	Hs.171537	Homo sapiens cDNA: FLJ21596 fis, clone C	5.5
	430259	BE550182	Hs.127826	RaiGEF-like protein 3, mouse homolog	5.5
55	434609	R76593		gb:yf60c11.r1 Soares placenta Nb2HP Homo	5.5
	430250	NM_016929	Hs.283021	chloride intracellular channel 5	5.5
	416327	U70370	Hs.84136	paired-like homeodomain transcription fa	5.4
	400379	NM_018432	Hs.283078	Homo sapiens ovarian cancer related prot	5.4
	436076	AI193277	Hs.120954	ESTs	5.4
60	432119	T80289		gb:yf03h04.r1 Soares Infant brain 1N1B H	5.4
	417175	R44568	Hs.94002	ESTs	5.4
	445774	AI254165	Hs.145504	ESTs	5.4
	455604	BE011183		gb:PM3-BN0218-100500-003-d09 BN0218 Homo	5.4
	411426	BE141714		gb:QV0-HT0101-061039-032-c04 HT0101 Homo	5.4
65	445262	AW205650	Hs.253503	ESTs	5.4
	412517	BE271584		gb:601141065F1 NIH_MGC_9 Homo sapiens cD	5.4
	434766	AA827650	Hs.259307	ESTs	5.3
	454417	AI244459	Hs.110826	trinucleotide repeat containing 9	5.3
	439949	AW979197	Hs.292073	ESTs	5.3
70	414995	C18200		gb:C18200 Human placenta cDNA (TFujwara	5.3
	428071	AF212848	Hs.182339	transcription factor ESE-3B	5.3
	412323	AW937143		gb:PM1-DT0041-281299-001-01 DT0041 Homo	5.3
	434283	AW236341	Hs.58715	mouse thiamin pyrophosphokinase homolog	5.3
	447798	AI425049	Hs.119629	ESTs, Moderately similar to ALU1_HUMAN A	5.3
75	401723			0	5.3
	408270			0	5.3
	452194	AI694413	Hs.298262	ESTs, Weakly similar to dJ88J8.1 [H.sapi	5.3
	415757	AA830854	Hs.187810	ESTs	5.3
	430051	AA464611	Hs.52515	transducin (beta)-like 2	5.2
80	435615	Y15085	Hs.4975	potassium voltage-gated channel, KQT-IIk	5.2
	459583	AI907673		gb:IL-BT152-080399-004 BT152 Homo sapien	5.2
	449009	BE044755	Hs.224812	ESTs	5.2
	424001	W57693	Hs.137478	KIAA1051 protein	5.2
	409479	BE163800	Hs.136912	ESTs	5.2
	437852	BE001836	Hs.256897	ESTs, Weakly similar to dJ365012.1 [H.s	5.2
	435928	H64345	Hs.183981	ESTs	5.2
	447397	BE247676	Hs.18442	E-1 enzyme	5.2

5	449183	AW445022	Hs.196985	Homo sapiens cDNA: FLJ21135 fis, clone C	5.2
	410146	AW532555		gb:h45f12x1 Soares_NFL_T_GBC_S1 Homo s	5.2
	458164	AI208666	Hs.192081	ESTs	5.2
	410153	BE311926	Hs.15830	Homo sapiens cDNA FLJ12691 fis, clone NT	5.1
	439509	AF086332	Hs.58314	ESTs	5.1
	422569	BE552132	Hs.118442	cyclin C	5.1
	430684	AW969834		gb:EST381912 MAGE resequences, MAGK Homo	5.1
	411231	AW833501		gb:QV4-TT0008-091199-025-e09 TT0008 Homo	5.1
10	412194	AW900282	Hs.116412	Homo sapiens cDNA FLJ13881 fis, clone TH	5.1
	425188	AK002052	Hs.155071	hypothetical protein FLJ11190	5.1
	417173	U61397	Hs.61424	ubiquitin-like 1 (sentrin)	5.1
	433279	AW971745		gb:EST383834 MAGE resequences, MAGL Homo	5.1
	454112	NM_000885	Hs.301808	ESTs	5.1
15	423261	Z43509		gb:HSC1EA031 normalized infant brain cDN	5.1
	434084	AI061640	Hs.192788	hypothetical protein PRO1905	5.1
	446115	AI733075	Hs.292682	ESTs, Weakly similar to S69913 hypertens	5.1
	416719	H79731		gb:yu81f12.r1 Soares fetal liver spleen	5.1
	421462	AF016495	Hs.104624	aquaporin 9	5.1
20	424517	AI539443	Hs.137447	Homo sapiens cDNA FLJ12169 fis, clone MA	5.1
	403383			0	5.1
	430832	AI073913	Hs.100586	ESTs, Weakly similar to secreted cement	5.1
	436070	AK000073		gb:Homo sapiens cDNA FLJ20066 fis, clone	5.0
	416969	AI816443	Hs.283404	organic cation transporter	5.0
25	444929	AI685841	Hs.161354	ESTs	5.0
	453922	AF053306	Hs.36708	budding uninhibited by benzimidazoles 1	5.0
	439031	AF075079		gb:Homo sapiens full length insert cDNA	5.0
	414539	BE379046		gb:601238646F1 NIH_MGC_44 Homo sapiens c	5.0
	425349	AA252234	Hs.79886	ribose 5-phosphate isomerase A (ribose 5	5.0
30	449986	AW884502		gb:PM4-SN0016-120400-004-b12 SN0016 Homo	5.0
	418717	AI334430	Hs.86984	ESTs	5.0
	438769	AA830684	Hs.163426	ESTs	5.0
	441859	AW194384	Hs.128022	ESTs, Weakly similar to FIG1 MOUSE FIG-1	5.0
	448469	BE094848	Hs.15113	homogentisate 1,2-dioxygenase	5.0

## 35 TABLE 21B

Pkey: Unique Eos probaset identifier number  
 CAT number: Gene cluster number  
 Accession: Genbank accession numbers

40	Pkey	CAT number	Accession
	409815	1143425_1	AW444861 BE074994 BE074966 BE074992
	409865	1156518_1	AW502208 AW502366 AW502145
45	409867	1156530_1	AW502161 AW502587 AW502345
	410148	1178974_1	AW582655 R05927 R05916
	411094	1231982_1	BE065142 AW817074
	411231	1236356_1	AW833501 AW833508 AW833722 AW833332 AW833509 AW833511 AW833767 AW833339
	411426	1245515_1	BE141714 AW845993 AW845989
50	411897	1264807_1	AW875066 AW875079 AW875075 AW875082 AW875061 AW875074
	412323	1288770_1	AW937143 AW937150 AW937141 AW937151 AW937132 AW937160 AW937191 AW937174 AW937195 AW937173
			AW937158 AW937139 AW937171 AW937142 AW937145 AW937165 AW937163 AW937164 AW937137 AW937179
			AW937156 AW937140 AW937135 AW937170
55	412517	130281_1	BE271584 AA112511
	414484	1452830_1	BE314385
	414539	1460320_1	BE379046 BE395459
	414995	1511736_1	C18200 D78681 T82025
	416719	1611345_1	H79731 H79732
60	422731	220507_1	AL138411 AL138412 AA315860
	422810	221630_1	AA317400 AA434534
	423261	226553_1	Z43509 H09001 AA375202 AW954383
	425858	257263_1	AA354923 AW963483 BE162774 C21461
	428465	267864_1	AI758948 AA379527 AA379948 AA379262 AW963933
	430684	321423_1	AW969834 AA528493 AA483165 AW969842
65	432119	34170_1	T80289 AF052168
	433279	381800_1	AW971745 AA581359 AA581358
	433921	377350_1	AA618174 AI114549 R36464 R36465
	434609	38950_1	R76593 AF147390 R76594
70	436070	41428_1	AK000073 AA380183 AA380181 AW963533
	437129	43343_1	AL049327 AA847105
	439031	46798_1	AF075079 H48501 H48795
	442438	542469_1	AA95998 AI916584 R61761 T77332 F07756 F08149 F07647
	448865	76535_1	R35027 R12034 BE407120
75	449034	794817_1	AI624049 AW117770 AI858380
	449986	821463_1	AW864502 AW864369 AI678780
	454392	115882_1	BE260893 AA078319 R85057 AW803024 H85811 AA078293
	454692	1229118_1	AW813350 AW816082 AW813476 AW813383
	455804	1337197_1	BE011183 BE011170 BE011533 BE011188 BE011181 BE011324 BE011161 BE011169
80	458091	472385_1	AF150286 AA835857
	459081	889426_1	W07808 AI822056
	458142	918906_1	AI903396 AI903361 AI903360

TABLE 21C

5	Pkey:	Unique number corresponding to an Eos probeset		
	Ref:	Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled "The DNA sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.		
10	Strand:	Indicates DNA strand from which exons were predicted.		
	NL_position:	Indicates nucleotide positions of predicted exons.		
15	Pkey	Ref	Strand	NL_position
	400855	1931571	Minus	17801-18228
20	400995	8099094	Plus	141186-141601
	401519	6649315	Plus	157315-157950
25	401723	7656694	Plus	147273-147503
	402104	8119072	Plus	122409-122600
30	402430	9796372	Minus	62382-62552
	403378	9438244	Minus	44264-44443
35	403381	9438267	Minus	26009-26178
	403383	9438267	Minus	119637-121197
40	403485	9665528	Plus	2888-3001,3198-3532,3655-4117
	403824	9798468	Plus	473-887
45	404220	6706820	Plus	46107-46439
	404727	8081050	Plus	115534-115747
50	404767	7882827	Minus	23244-23759
	405291	3845420	Plus	19989-20473,20672-21036,21147-21285,21378-21667
55	405992	6624069	Minus	116167-116269,116879-119030
	406086	7107817	Plus	9418-9573
60	408270	7534217	Plus	13136-13591
	406400	9256298	Plus	1553-1712,1878-2140,4252-4385,5922-6077
65	406536	7711478	Plus	25655-25782

TABLE 22A: 430 SIGNIFICANTLY DOWN-REGULATED GENES, UTERINE CANCER VERSUS NORMAL UTERUS

Table 22A lists about 430 genes significantly down-regulated in uterine cancer compared to normal uterus. These were selected as for Table 21A, except that the numerator and denominator were switched, and the ratio was greater than or equal to 14 (i.e. 14-fold down-regulated in tumor vs. normal uterus).

40	Pkey:	Unique Eos probeset Identifier number		
	ExAccn:	Exemplar Accession number, Genbank accession number		
45	UnigeneID:	Unigene number		
	Unigene Title:	Unigene gene title		
50	Rt:	Ratio of tumor vs. normal tissue		
	Pkey	ExAccn	UnigeneID	Unigene Title
55	414083	H28904	Hs.75736	apolipoprotein D
	447890	BE048821	Hs.20144	small inducible cytokine subfamily A, member 14
60	407816	AW373860	Hs.301716	ESTs
	452547	AA335295	Hs.74120	adipose specific 2
65	415165	AW887604	Hs.78065	complement component 7
	453655	AW950427	Hs.300878	ESTs, Moderately similar to TGR3_HUMAN TGF-BE
70	429350	AI754834	Hs.131987	ESTs
	407228	M25079	Hs.156376	hemoglobin, beta
75	425869	AA524547	Hs.160318	FXD domain-containing ion transport regulator
	416585	X54162	Hs.79386	telomodin 1 (smooth muscle)
80	408614	AL137698	Hs.46531	Homo sapiens mRNA; cDNA DKFZp434C1815 (from c
	417542	J04129	Hs.82269	progestagen-associated endometrial protein (p
85	412295	AW888826	Hs.22971	ESTs
	421898	R74441	Hs.117176	poly(A)-binding protein, nuclear 1
90	452093	AA447453	Hs.27860	Homo sapiens mRNA; cDNA DKFZp586M0723 (from c
	429707	W76631	Hs.211819	matrix metalloproteinase 23B
95	416950	AL049798	Hs.80552	dermatopontin
	408221	AA912183	Hs.47447	ESTs
100	406791	AI220884	Hs.272572	hemoglobin, alpha 2
	446500	U78093	Hs.15154	swah-repeat-containing protein, X chromosome
105	407938	AA905097	Hs.85050	phospholamban
	410577	NM_003278	Hs.65424	tetranectin (plasminogen-binding protein)
110	412524	AA417813	Hs.11177	ESTs
	452426	AI904829	Hs.31297	Homo sapiens cDNA: FLJ23001 fis, clone LNG002
115	414280	AI588801	Hs.71721	ESTs
	439627	BE621702	Hs.29076	Homo sapiens cDNA: FLJ21841 fis, clone HEP018
120	400258		Hs.79064	deoxyhypusine synthase
	414807	AI736616	Hs.77348	hydroxyprostaglandin dehydrogenase 15-(NAD)
125	410023	AB017169	Hs.57929	slit (Drosophila) homolog 3
	407663	NM_018429	Hs.37482	COP22 for nonclathrin coat protein zeta-COP
130	410285	AI739159	Hs.61898	DKFZP586N2124 protein
	418986	AI235555	Hs.81796	ESTs
135	409060	AI815867	Hs.50130	necdin (mouse) homolog
	436569	BE439539	Hs.278837	glutathione S-transferase M2 (muscle)
140	420574	NM_000055	Hs.1327	butyrylcholinesterase
	417967	BE244373	Hs.1118	nuclear receptor subfamily 4, group A, member
145	450810	BE207588	Hs.25511	transforming growth factor beta 1 induced tra
	438150	AA037634	Hs.300878	ESTs, Moderately similar to TGR3_HUMAN TGF-BE

5	430468	NM_004673	Hs.130699	ESTs	31.5
	453060	AW294092	Hs.21594	ESTs	31.3
	424206	NM_003734	Hs.196241	amine oxidase, copper containing 3 (vascular	30.8
	422126	AW973784	Hs.112028	Missshapen/NIK-related kinase	30.6
	406082	S47833	Hs.82927	adenosine monophosphate deaminase 2 (isoform	30.3
10	421639	NM_012082	Hs.297821	Homo sapiens mRNA full length insert cDNA clo	30.3
	402520				29.9
	418043	AW377752	Hs.83341	H.sapiens mRNA for tyrosine kinase receptor	28.7
	443906	AA348031	Hs.7913	ESTs	29.7
	450958	AL137669	Hs.25700	Homo sapiens mRNA; cDNA DKFZp434M0435 (from c	29.4
15	418828	AF020774	Hs.88844	Homo sapiens hair and skin epidermal-type 12-	29.4
	412828	AL133396	Hs.74621	prión protein (p27-30) (Creutzfeld-Jakob dise	29.4
	429507	NM_003102	Hs.2420	superoxide dismutase 3, extracellular	29.2
	400545				29.1
	425078	NM_002599	Hs.154437	phosphodiesterase 2A, cGMP-stimulated	29.1
20	429942	AI338993	Hs.134535	ESTs	28.9
	436303	AB028998	Hs.6147	KIAA1076 protein	28.7
	419971	AA400027	Hs.296234	ESTs, Highly similar to mitogen-activated pro	28.7
	443080	D78874	Hs.8944	procollagen C-endopeptidase enhancer 2	28.7
	452877	AI250789	Hs.32478	ESTs	28.6
25	412442	AI983730	Hs.26530	serum deprivation response (phosphatidylserin	28.6
	424378	W28020	Hs.184387	GTPase activating protein-like	28.6
	421823	N40850	Hs.28625	ESTs	27.9
	447786	BE620810	Hs.39619	hypothetical protein LOC57333	27.6
	400023			AFIX control: 18S ribosomal RNA	27.5
30	453974	AW591783	Hs.36131	collagen, type XIV, alpha 1 (undulin)	27.2
	414134	X60188	Hs.861	mitogen-activated protein kinase 3	27.1
	428451	AW970451	Hs.98670	ESTs	28.9
	435520	AA297990	Hs.9315	HNOEL-Iso protein	28.6
	437179	AA393508	Hs.171409	serologically defined colon cancer antigen 8	28.4
35	441481	AA935303	Hs.270553	ESTs	26.0
	450227	BE388192	Hs.78521	Homo sapiens cDNA: FLJ21193 fis, clone COL001	25.6
	403731				25.5
	452814	AI092790	Hs.55016	hypothetical protein FLJ21935	25.5
	410036	R57171	Hs.57976	caldesmon 2, cardiac muscle	25.5
40	416854	H40164	Hs.80296	Purkinje cell protein 4	25.4
	418421	R58620	Hs.85050	phospholamban	25.4
	407000	U12139		gb:Human alpha1(2I) collagen (COL11A1) gene,	25.3
	421803	NM_012205	Hs.108441	3-hydroxyanthranilate 3,4-dioxygenase	25.3
	445613	BE550889	Hs.158491	ESTs	25.1
45	432302	AA346857	Hs.274307	KIAA1442 protein	24.8
	420786	L34355	Hs.99931	sarcoglycan, alpha (50kD dystrophin-associate	24.8
	423720	AL044191	Hs.23388	Homo sapiens cDNA: FLJ21310 fis, clone COL021	24.7
	417302	BE245812	Hs.8941	ESTs	24.6
	421913	AI934385	Hs.108439	osteoglycin (osteoinductive factor, trimecan)	24.6
50	440130	AI083899	Hs.157527	ESTs	24.5
	431957	AJ243653	Hs.283404	organic cation transporter	24.5
	424580	AA446539	Hs.35092	ESTs	24.4
	406807	Z25427		gb:Human protein-serine/threonine kinase	24.2
	443745	AB039670	Hs.9728	ALEX1 protein	24.1
55	429101	AW452174	Hs.173780	ESTs	23.5
	410691	AW239226	Hs.65450	reticulon 4	23.4
	408853	AW291484	Hs.254967	ESTs	23.3
	407979	AA046306	Hs.62927	ESTs	23.1
	448619	AI867182	Hs.202255	ESTs	22.8
60	424585	AA464840		gb:z43h11.r1 Soares_tota_fetus_Nb2HF8_9w Ho	22.7
	407891	AA488620	Hs.41135	Endomucin 2	22.6
	407198	D11747	Hs.177416	Finkel-Biskis-Reilly murine sarcoma virus (FB	22.5
	426990	AL044316	Hs.173094	Homo sapiens mRNA; cDNA DKFZp564H1142 (from d	22.5
	450493	M93718	Hs.166373	nitric oxide synthase 3 (endothelial cell)	22.1
65	420120	AL049610	Hs.95243	transcription elongation factor A (SII)-like	22.0
	423680	AA329848	Hs.23804	ESTs	22.0
	402865				21.9
	417387	AW021102	Hs.21509	ESTs	21.9
	456898	NM_001928	Hs.155597	D component of complement (cdp6in)	21.9
70	459722			Homo sapiens cDNA: FLJ23449 fis, clone HSI058	21.8
	422927	AW247388	Hs.301423	calcium binding protein 1 (calbrain)	21.8
	402195				21.7
	418213	AW978753	Hs.127327	ESTs	21.6
	440274	R24595	Hs.7122	scrapie responsive protein 1	21.6
75	455818	AI733747		gb:z486d04.y5 Stratogene lung carcinoma 93721	21.4
	420861	AI039044	Hs.88827	Homo sapiens mRNA for FLJ00033 protein, parti	21.4
	405228				21.3
	441292	AF131218	Hs.7765	chromosome 16 open reading frame 5	21.3
	432553	AA553334	Hs.211095	ESTs	21.3
80	417098	AB017365	Hs.173859	fizzled (Drosophila) homolog 7	21.2
	453642	AI370936	Hs.34074	dipeptidylpeptidase VI	21.2
	405313				21.1
	410243	D83402	Hs.289008	ESTs, Weakly similar to alternatively spliced	21.1
	413186	AJ077141	Hs.75231	solute carrier family 16 (monocarboxylic acid	21.1
	425954	AK000533	Hs.164476	hypothetical protein FLJ20626	21.0
	421770	AA374192	Hs.108124	ribosomal protein L41	21.0
	435265	AA779958	Hs.186932	ESTs	20.8

	430036	AL050284	Hs.227762	DKFZP586M1019 protein	20.7
	430233	AW367902	Hs.236443	Homo sapiens mRNA; cDNA DKFZp564N1063 (from c	20.7
	436130	AA341497	Hs.31408	ESTs	20.7
5	434843	R43707	Hs.133159	ESTs, Weakly similar to PIHUSD salivary prot	20.7
	429303	AW137635	Hs.44238	ESTs	20.6
	442422	AJ344415	Hs.156082	ESTs	20.5
	410399	BE068889	Hs.63236	synuclein, gamma (breast cancer-specific prot	20.5
	435869	AF259910	Hs.54650	ESTs, Weakly similar to (define not availabl	20.5
10	447384	AJ377221	Hs.40528	ESTs	20.5
	440610	AJ733098	Hs.130800	ESTs	20.5
	445806	AL137516	Hs.13323	hypothetical protein FLJ22059	20.4
	433657	AJ244368	Hs.8124	PH domain containing protein in retina 1	20.4
	436467	AW450278	Hs.91681	ESTs	20.3
15	440191	AJ990417	Hs.116107	Homo sapiens genomic DNA, chromosome 21q, sec	20.2
	417511	AL049176	Hs.82223	chordin-like	20.2
	456976	M60299		gb:Human alpha-1 collagen type II gene, exons	20.1
	443547	AW271273	Hs.23767	ESTs	20.1
	417998	AW967420		gb:EST379495 MAGE resequences, MAGJ Homo sapi	20.1
20	419313	AA843387	Hs.87279	ESTs	20.1
	408322	AW181985	Hs.249986	ESTs	20.0
	448422	BE263813		gb:601194177F1 NIH_MGC_7 Homo sapiens cDNA cl	20.0
	403121				19.9
	424198	AB029010	Hs.143026	KIAA1087 protein	19.9
25	459060	H89244	Hs.79625	heterogeneous nuclear ribonucleoprotein D (AU	19.9
	457829	AJ742281	Hs.210843	ESTs, Weakly similar to dJ1039K5.2 [H.sapiens	19.9
	445029	AF196481	Hs.12256	midline 2	19.9
	424362	AL137646	Hs.146001	Homo sapiens mRNA; cDNA DKFZp586F0824 (from c	19.8
	417067	AJ001417	Hs.81086	solute carrier family 22 (extraneuronal mono	19.7
30	413972	BE279548	Hs.162717	ESTs, Weakly similar to HPPD_HUMAN 4-HYDROXY	19.6
	435891	AW249394	Hs.5002	copper chaperone for superoxide dismutase	19.6
	447551	BE066634	Hs.929	myosin, heavy polypeptide 7, cardiac muscle,	19.6
	400837				19.5
	409882	AJ243191	Hs.56874	heat shock 27kD protein family, member 7 (car	19.4
35	430310	U60115	Hs.239069	four and a half LIM domains 1	19.4
	402741				19.4
	401703				19.3
	409229	H80333	Hs.251928	nuclear pore complex interacting protein	19.3
	453856	AA804789	Hs.19447	Homo sapiens mRNA for FLJ00106 protein, parti	19.3
40	430342	NM_005938	Hs.239663	myeloid/lymphoid or mixed-lineage leukemia (l	19.3
	404038				19.2
	411939	AJ365585	Hs.146246	ESTs	19.2
	431227	X63755	Hs.2743	keratin, cuticle, ultrahigh sulphur 1	19.1
	452869	AA216363	Hs.262958	ESTs, Weakly similar to alternatively spliced	19.1
45	439698	AW779654	Hs.55876	ESTs	18.9
	416253	BE250059	Hs.15463	ESTs	18.9
	418556	T02850		gb:FB12A9 Fetal brain, Stratagene Homo sapien	18.9
	408877	AA479033	Hs.130315	ESTs	18.9
	415994	NM_002923	Hs.78944	regulator of G-protein signalling 2, 24kD	18.9
50	417054	AF017060	Hs.174161	aldehyde oxidase 1	18.8
	404654				18.8
	420174	AJ824144	Hs.23912	ESTs	18.8
	400625				18.7
	406150				18.7
55	457835	BE256338	Hs.192375	ESTs, Highly similar to dJ127B20.3 [H.sapiens	18.6
	420105	AW015571	Hs.32244	ESTs	18.6
	404619	BE514535	Hs.77171	minichromosome maintenance deficient (S. cere	18.5
	423282	AL137563	Hs.126378	putative ABC transporter	18.5
	424097	M13981	Hs.1734	inhibin, alpha	18.5
60	448543	AW897741	Hs.21380	Homo sapiens mRNA; cDNA DKFZp586P1124 (from c	18.5
	427605	NM_000997	Hs.178778	ribosomal protein L37	18.4
	406535				18.4
	418947	W52990	Hs.22680	ESTs	18.4
	414323	NM_014759	Hs.239500	KIAA0273 gene product	18.3
65	457111	AA482027	Hs.142569	ESTs	18.3
	418373	AW750770	Hs.84344	CGI-135 protein	18.3
	424461	D83542	Hs.148090	cadherin 15, M-cadherin (myotubule)	18.2
	451565	NM_000897	Hs.456	leukotriene C4 synthase	18.2
	407761	BE276086	Hs.38205	from HeLa cyclin-dependant kinase 2 interact	18.2
70	432031	AF039198	Hs.284126	hairless (mouse) homolog	18.1
	404608	H58689	Hs.35158	Homo sapiens cDNA FLJ11027 fis, clone PLACE10	18.1
	451962	AW078832	Hs.226806	ESTs	18.1
	424100	AJ793080	Hs.123525	ESTs, Weakly similar to NGAL RAT NEUTROPHIL G	18.1
	451509	AJ968529	Hs.171637	Homo sapiens cDNA: FLJ21937 fis, clone HEP044	18.1
75	453512	AL040160	Hs.209542	ESTs, Weakly similar to B cell linker protein	18.0
	429924	W39693	Hs.226138	Homo sapiens mRNA; cDNA DKFZp566H2446 (from c	17.9
	423780	AA352013		gb:EST59935 infant brain Homo sapiens cDNA 5'	17.9
	427030	AA397600	Hs.97531	ESTs	17.9
	439872	T81058		gb:rd26c08.r1 Soares fetal liver spleen 1NFLS	17.9
80	407836	T79340	Hs.22576	Homo sapiens cDNA: FLJ21042 fis, clone CAE112	17.9
	451427	AI091441	Hs.28401	tumor necrosis factor (ligand) superfamily, m	17.9
	424462	AU076666	Hs.148101	serum constituent protein	17.9
	451633	NM_004867	Hs.26530	serum deprivation response (phosphatidylserin	17.8
	422319	AW403342	Hs.115232	splicing factor 3a, subunit 2, 65kD	17.8

	400489				17.8
	454421	BE409769	Hs.59583	Homo sapiens mRNA for FLJ00007 protein, part	17.8
	449282	AL048056	Hs.23437	Homo sapiens cDNA FLJ13555 fls, clone PLACE10	17.7
	420495	AI338247	Hs.98314	Homo sapiens mRNA; cDNA DKFZp586L0120 (from c	17.7
5	429790	AK001352	Hs.221737	hypothetical protein FLJ10490	17.7
	422798	AW897265		gb:CM0-NN0057-150400-335-a04 NN0057 Homo sapi	17.7
	427980	AA418305		gb:zv56g05.a1 Soares_NhHMPu_S1 Homo sapiens c	17.6
	409543	AW410200		gb:th05b12.x1 NIH_MGC_17 Homo sapiens cDNA cl	17.6
10	440206	AI762232	Hs.46794	ESTs	17.6
	455904	BE168173		gb:QV0-HT0367-201299-079-a02 HT0367 Homo sapi	17.5
	427707	NM_005578	Hs.180398	LIM domain-containing preferred translocation	17.5
	437140	AA312799	Hs.263589	activator of CREM in testis	17.5
	417637	AA204969	Hs.234863	Homo sapiens cDNA FLJ12082 fls, clone HEMBB10	17.5
15	419171	NM_002846	Hs.89655	protein tyrosine phosphatase, receptor type,	17.4
	417808	AF177909	Hs.12828	twisty (Drosophila) homolog 1	17.4
	428232	Z70024	Hs.168157	nuclear transcription factor Y, gamma	17.4
	440747	AW297225	Hs.137840	ESTs, Moderately similar to SIX1_HUMAN HOMEOB	17.4
	415307	F05232	Hs.27495	prostate cancer associated protein 7	17.3
20	407049	X72632		(NONE)	17.3
	454054	AI336329	Hs.301519	Homo sapiens cDNA FLJ12535 fls, clone NT2RM40	17.3
	411085	AF022991	Hs.68398	period (Drosophila) homolog 1	17.3
	443104	AA088470	Hs.83135	p53-responsive gene 6	17.2
	424106	AA412442	Hs.88132	ESTs	17.2
25	446716	AA436575	Hs.16602	ESTs	17.1
	448677	AI560769	Hs.227051	ESTs	17.0
	434919	AI821740	Hs.118531	ESTs	17.0
	401171	AA360954	Hs.27268	Homo sapiens mRNA; cDNA DKFZp564N196 (from cl	17.0
	456804	AI421645	Hs.139851	caveolin 2	17.0
30	453621	AW749983		gb:QV3-BT0537-280100-070-a04 BT0537 Homo sapi	16.9
	413419	BE093686	Hs.48938	Homo sapiens cDNA: FLJ21802 fls, clone HEP007	16.9
	428515	BE394222	Hs.231444	ESTs	16.9
	428937	T82221	Hs.56729	lymphocyte-specific protein 1	16.9
	424562	AI420859	Hs.150557	basic transcription element binding protein 1	16.9
35	444655	AF088886	Hs.11590	cathelin F	16.9
	447424	AI681105	Hs.181841	ESTs	16.8
	425439	D38024	Hs.157425	double homeobox, 2	16.8
	446707	AI591214	Hs.156336	ESTs	16.8
	405324			ESTs	16.8
40	434340	AI193043	Hs.128685	ESTs	16.8
	422942	AF054839	Hs.122540	tetraspan 2	16.8
	421820	AW662980	Hs.108675	heme-binding protein	16.8
	420037	BE299598	Hs.135569	ESTs, Weakly similar to NEUROD 1(H.sapiens)	16.7
	428818	AI131291	Hs.98866	ESTs	16.7
45	426485	NM_006207	Hs.170040	platelet-derived growth factor receptor-like	16.7
	404947			ESTs	16.6
	412677	AW029608	Hs.173384	ESTs	16.6
	401651			ESTs	16.6
	408053	AW139474	Hs.246862	ESTs	16.6
50	425016	AA376049	Hs.154162	ADP-ribosylation factor-like 2	16.6
	418179	X51630	Hs.1145	Wilms tumor 1	16.6
	418994	AA296520	Hs.89546	Selectin E (endothelial adhesion molecule 1)	16.5
	457514	AA775208	Hs.136423	ESTs	16.5
	426275	BE151551		gb:RC0-HT0297-201199-031-fl2 HT0297 Homo sapi	16.5
55	457924	AL390142	Hs.288697	Homo sapiens cDNA FLJ13861 fls, clone THYR010	16.5
	430712	AW044647	Hs.198284	ESTs	16.5
	455144	AW875942		gb:CM1-PT0013-131299-067-b10 PT0013 Homo sapi	16.4
	407624	X64985		gb:Hsapiens mRNA HTPCRX11 for olfactory rece	16.4
	428712	AW173177	Hs.187755	ESTs	16.4
60	429854	AI918130	Hs.21374	ESTs	16.4
	446208	BE258323	Hs.225795	ESTs, Highly similar to OTX1_HUMAN HOMEOBOX P	16.4
	442792	AB62340	Hs.131194	ESTs	16.3
	420485	AF218588	Hs.268835	cell death-inducing DFFA-like effector b	16.3
	426767	AA384398	Hs.192491	ESTs	16.3
65	436850	L05779	Hs.113	epoxide hydrolase 2, cytoplasmic	16.3
	415195	AK000150	Hs.78185	MAX-like bHLHZIP protein	16.3
	442197	AW837912		gb:QV3-LT0048-260100-068-c02 LT0048 Homo sapi	16.3
	433457	AA830194	Hs.199417	Homo sapiens mRNA for FLJ00027 protein, part	16.2
	402316			ESTs	16.2
70	409736	AA078628		gb:7P07H07 Chromosome 7 Placental cDNA Librar	16.2
	407964	AW130334	Hs.281111	ESTs	16.2
	433677	AI791912	Hs.190885	ESTs, Moderately similar to ALU1_HUMAN ALU SU	16.2
	425507	AI684745	Hs.165983	hypothetical C2H2 zinc finger protein FLJ2250	16.2
	413724	AA131466	Hs.23767	Homo sapiens cDNA FLJ12656 fls, clone NT2RM40	16.2
75	408922	R87388		gb:ym88g04.r1 Soares adult brain N2b4HB55Y Ho	16.1
	413055	AV655701	Hs.75183	cytochrome P450, subfamily 1E (ethanol-induc	16.1
	435977	AL138079	Hs.5012	brain-specific membrane-anchored protein	16.1
	442208	AW296984	Hs.255595	ESTs, Weakly similar to PSF_HUMAN PTB-ASSOCIA	16.1
	402428			ESTs	16.0
80	412399	N53816	Hs.14394	hypothetical protein FLJ20157	16.0
	413200	AA127395	Hs.222414	ESTs	16.0
	404597			ESTs	15.9
	453143	AA382234	Hs.170121	protein tyrosine phosphatase, receptor type,	15.9
	455984	BE177442		gb:RC1-HT0595-200400-012-fl1 HT0595 Homo sapi	15.9

5	416193	T25400		gb:PTH1089 HTCDL1 Homo sapiens cDNA 5'3' sim	15.9
	407065	Y10141		gb:H.sapiens DAT1 gene, partial, VNTR	15.9
	441785	AW138139	Hs.244598	ESTs	15.9
	413784	BE165819		gb:CMO-HT0486-220300-301-d12 HT0486 Homo sapi	15.9
	429092	AI90884	Hs.178226	ESTs, Weakly similar to ALU1_HUMAN ALU SUBFAM	15.8
10	408489	AW205323	Hs.253475	ESTs	15.8
	453754	AW972580	Hs.172753	ESTs	15.8
	450325	U43030	Hs.25537	cardiotrophin 1	15.8
	428486	AW583497	Hs.184604	pancreatic polypeptide	15.7
	405895				15.7
15	409108	AA339443	Hs.48793	ESTs	15.7
	423334	AK000905	Hs.127273	hypothetical protein FLJ10044	15.6
	422948	AW810824	Hs.21351	ESTs	15.6
	447852	AW504781		gb:U-HF-BNO-31p-c-04-0-U1r1 NIH_MGC_50 Homo	15.6
	419084	AA496539	Hs.179902	transporter-like protein	15.6
20	456771	AW016739	Hs.232201	ESTs	15.6
	438564	AA381553	Hs.198253	major histocompatibility complex, class II, D	15.6
	448705	H05072	Hs.124984	ESTs, Moderately similar to unnamed protein p	15.6
	454460	X66945	Hs.748	fibroblast growth factor receptor 1 (fms-rela	15.5
	458893	BE161733	Hs.97283	ESTs, Weakly similar to ALU1_HUMAN ALU SUBFAM	15.5
25	426759	AI590401	Hs.21213	ESTs	15.5
	453769	R35261	Hs.24947	ESTs	15.4
	434179	AI743448	Hs.116177	ESTs	15.4
	404111				15.4
	402056				15.4
30	458602	AI262208	Hs.276489	ESTs	15.3
	427530	AA405093	Hs.126519	ESTs	15.3
	414716	AF199598	Hs.97044	Kv channel-interacting protein 2	15.3
	400632				15.3
	443918	AA305475	Hs.22660	Homo sapiens cDNA FLJ11658 fis, clone HEMBA10	15.3
35	432037	AW450592	Hs.300459	ESTs	15.3
	412921	BE009345	Hs.128942	ESTs	15.3
	421906	AI680247	Hs.32699	ESTs, Weakly similar to LIV-1 protein (H.sapi)	15.3
	441704	AW58766	Hs.201988	ESTs	15.3
	414272	AI651603	Hs.46988	ESTs	15.3
40	448224	R48700	Hs.20733	EH-domain containing 2	15.2
	404611	H58589	Hs.35156	Homo sapiens cDNA FLJ11027 fis, clone PLACE10	15.2
	448381	D61580	Hs.21036	Homo sapiens mRNA; cDNA DKFZp434A1010 (from c	15.2
	454719	BE006547		gb:RC2-BN0130-040400-011-b03 BN0130 Homo sapi	15.2
	446973	H95724	Hs.4283	ESTs	15.2
45	457760	AA658123	Hs.134170	ESTs	15.2
	440144	AW082297	Hs.88523	ESTs	15.2
	407387	AB000695		gb:Homo sapiens mRNA for cadherin FIB1, parti	15.2
	427850	AA416758	Hs.161051	ESTs, Moderately similar to ALU6_HUMAN ALU SU	15.2
	404244				15.1
50	402959				15.1
	435487	W07343	Hs.182538	phospholipid scramblase 4	15.1
	414213	BE297785		gb:601176246F1 NIH_MGC_17 Homo sapiens cDNA c	15.0
	455916	BE156710		gb:QVO-HT0368-310300-181-d01 HT0368 Homo sapi	15.0
	448943	AB08810	Hs.193288	ESTs	15.0
55	418026	BE379727	Hs.83213	fatty acid binding protein 4, adipocyte	15.0
	454082	AF283508	Hs.63168	cell death regulator even	14.9
	453308	AW969731	Hs.32538	ESTs	14.9
	458823	AW207574	Hs.179501	ESTs	14.9
	452532	AI905811	Hs.110757	DNA segment on chromosome 21 (unique) 2056 ex	14.9
60	418484	R87580		gb:ym89h07.r1 Soares adult brain N2b4H955Y Ho	14.9
	408473	AL137716	Hs.295587	Homo sapiens mRNA; cDNA DKFZp434D2030 (from c	14.8
	449779	AA004258	Hs.25218	ESTs, Weakly similar to ALUB_HUMAN ALU C	14.8
	457546	AA568484	Hs.153632	ESTs	14.8
	403369				14.8
65	432163	AK000440	Hs.272799	hypothetical protein FLJ20433	14.8
	421531	AA713506	Hs.291769	ESTs	14.8
	428283	AI439096	Hs.25832	Homo sapiens mRNA; cDNA DKFZp584P116 (from cl	14.8
	443528	AK001778	Hs.9547	hypothetical protein FLJ10916	14.8
	402399				14.8
70	410545	U32324	Hs.84310	interleukin 11 receptor, alpha	14.8
	450300	AL041440	Hs.58210	ESTs	14.8
	403652				14.7
	405929	U04890		gb:Human olfactory receptor (OR17-210) gene,	14.7
	436365	AW444548	Hs.163118	ESTs	14.7
75	402550				14.7
	441782	AW140126	Hs.132357	ESTs	14.7
	415672	N53087	Hs.193579	ESTs	14.7
	430582	AI215509	Hs.143964	ESTs	14.7
	425770	NM_014363	Hs.159492	spastic ataxia of Charlevoix-Saguenay (sacsin	14.7
80	432683	AW895441	Hs.10475	ESTs	14.7
	441871	AI306150	Hs.153450	ESTs, Weakly similar to 1909123A Na glucose t	14.6
	447481	AF062151	Hs.16898	Mouse Mammary Tumor Virus Receptor homolog	14.6
	405114				14.6
	401082				14.6
	454316	AW366144		gb:QVO-HT0101-061099-032-b12 HT0101 Homo sapi	14.6
	421572	AA531607	Hs.125143	ESTs, Weakly similar to POL2 MOUSE RETROVIRUS	14.6
	424591	R55704	Hs.150968	hypocretin (orexin) receptor 1	14.6



5	441503	AW172263	Hs.185202	ESTs	14.6
	416199	R83537		ghyq12a08.r1 Soares fetal liver spleen 1NFLS	14.6
	420360	U83171	Hs.97203	small inducible cytokine subfamily A (Cys-Cys	14.6
	425126	N32759	Hs.172944	chorionic gonadotropin, beta polypeptide	14.5
	417421	AL138201	Hs.82120	nuclear receptor subfamily 4, group A, member	14.5
10	405100				14.5
	454012	M76424	Hs.37014	carbonic anhydrase VII	14.5
	402457				14.5
	454613	AW610814		gb:MR2-ST0129-201099-004-e01 ST0129 Homo sapi	14.5
	429821	AL096749	Hs.225433	Homo sapiens mRNA; cDNA DKFZp434G153 (from cl	14.5
15	431073	BE254470	Hs.249186	cone-rod homeobox	14.5
	421143	AB024536	Hs.102171	immunoglobulin superfamily containing leucine	14.5
	401223				14.4
	438627	AK087335	Hs.123473	ESTs	14.4
	407124	R08160	Hs.268857	ESTs, Weakly similar to ALU1_HUMAN ALU SUBFAM	14.4
20	437217	AW779241	Hs.155316	ESTs	14.4
	427627	R87682	Hs.179915	guanine nucleotide binding protein (G protein	14.4
	410258	X52638	Hs.739	6-phosphofructo-2-kinase/fructose-2,6-biphosp	14.4
	413237	AK68574	Hs.171965	ESTs	14.4
	412975	T70966	Hs.75106	clusterin (complement lysin inhibitor, SP-40,	14.4
25	426488	X03350	Hs.4	alcohol dehydrogenase 2 (class I), beta polyp	14.4
	416667	AK000526	Hs.79457	hypothetical protein FLJ20519	14.4
	405479				14.3
	418432	M14156	Hs.85112	insulin-like growth factor 1 (somatomedin C)	14.3
	426316	NM_002430	Hs.301852	Human DNA sequence from clone 437G10 on chrom	14.3
30	412171	AW897452		gb:CMO-NN0058-150400-337-b08 NN0058 Homo sapi	14.3
	447241	BE382838	Hs.19322	ESTs	14.3
	402100				14.2
	438286	AW139268	Hs.134807	Homo sapiens cDNA FLJ12057 fls, clone HEMBB10	14.2
	407947	AI500332	Hs.102367	ESTs, Weakly similar to hTcf-4 [H.sapiens]	14.2
35	402275				14.2
	402358				14.2
	438624	AA838771	Hs.124407	ESTs	14.2
	444455	AI149879	Hs.175024	Homo sapiens cDNA: FLJ23447 fls, clone HSI033	14.2
	455314	Y17114	Hs.73393	eyes absent (Drosophila) homolog 4	14.2
40	427872	AA835058	Hs.21111	ESTs	14.2
	408826	AW501112	Hs.34487	hypothetical protein FLJ23412	14.2
	414002	NM_006732	Hs.75678	FBJ murine osteosarcoma viral oncogene homolog	14.2
	442682	AI014545	Hs.231027	EST	14.1
	457033	AF029674	Hs.173422	KIAA1605 protein	14.1
45	410480	R97457	Hs.63984	cadherin 13, H-cadherin (heart)	14.1
	401007				14.1
	458274	AF149297	Hs.8087	NAG-5 protein	14.1
	454106	D19687	Hs.245146	ESTs	14.1
	432928	AA570454	Hs.186467	ESTs, Moderately similar to ALU1_HUMAN ALU SU	14.1
50	425352	NM_000939	Hs.1897	proopiomelanocortin (adrenocorticotropin/ beta	14.1
	433887	AW204232	Hs.279522	ESTs	14.1
	434927	H46612	Hs.293815	ESTs, Weakly similar to PLM_HUMAN PHOSPHOLEMM	14.1
	404282				14.1
	422581	NM_016339	Hs.118562	Link guanine nucleotide exchange factor II	14.0
55	424823	NM_006226	Hs.153322	phospholipase C, epsilon	14.0
	408107	AA806754	Hs.62835	ESTs	14.0
	401577				14.0
	433883	AI925688	Hs.222312	ESTs, Weakly similar to B24264 proline-rich p	14.0
	408104	AW972927	Hs.293988	ESTs	14.0
60	404642				14.0
	400575				14.0
	406059				14.0
	448386	AB037750	Hs.21061	KIAA1329 protein	14.0
	407287	AI678812	Hs.201658	ESTs, Weakly similar to ALU4_HUMAN ALU SUBFAM	14.0

TABLE 22B

65	Pkey:	Unique Eos probaset identifier number		
	CAT number:	Gene cluster number		
	Accession:	Genbank accession numbers		
70	Pkey	CAT number	Accession	
	408922	109017_1	R87388 R84328 AA058916	
	409543	1138723_1	AW410200 AW409705 AW411433 BE296786 BE270309	
75	409736	115189_1	AA078628 R09051 AA078197 AA077334 AW748808 AW748807	
	412171	1280759_1	AW897452 Z20302 D55805 D52877 D60432	
	413784	1389150_1	BE165019 BE165853 W01386	
80	414213	1426375_1	BE297765 BE262051 BE302686 T83915	
	416193	1577102_1	T25400 H26834 H44554 R73193	
	416199	1577561_1	R83537 W80940 H27368	
	417998	171375_1	AW967420 AA210915 AA238991 AA210916	
	418464	1759038_2	R87580	
	418556	1767868_1	T02850	
	422796	221500_1	AW897265 AW897274 AL119504 AW897275 AW897270 AW897312 AW897318 AW897317 AA317240 AW961361	
			T06241 AA326794 AL138130 AW407975 AW998277	
	423780	231952_1	AA352013 AA330878 AA339379 AW966303	

5	424585	241151_1	AA464840 AA343628
	426275	263712_1	BE151551 AA373783 BE162852 BE008826 BE008827 BE008781 BE008699
	427980	285225_1	AA418305 AI264351
	439872	47823_1	T81058 AL357200 T70270
	442197	535550_1	AW837912 AW837934 AA984475 AW997490
10	447852	73973_1	AW504781 BE620384
	448422	762770_1	BE263813 BE253504 AI500202 BE251145
	453621	974526_1	AW749983 ALO45823
	454316	1109360_1	AW366144 AW366154 AW366142 AW366151 AW366140 AW366155 BE141715 BE141718 BE141698
	454613	1226904_1	AW810814 AW810787 AW810854 AW810773 AW810735 AW810785 AW810660 AW810834 AW810874 AW810723
15	454719	1230946_1	AW810881 AW810791 AW810844 AW810659 AW810676
	455144	1254914_1	BE006547 AW815578 AW815311 AW856304
	455818	137219_1	AW875942 AW858234 AW875938 AW875941 AW858235 AW875958
	455904	1382290_1	AI733747 AA129802
	455916	1382748_1	BE156173 BE156305 BE156198
20	455984	1397288_1	BE156710 BE156726 BE156712
			BE177442 BE177439 BE177445 BE177440 BE177448 BE177444 BE177433
TABLE 22C			
25	Play:	Unique number corresponding to an Eos probeset	
	Ref:	Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled "The DNA sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.	
	Strand:	Indicates DNA strand from which exons were predicted.	
	NL_position:	Indicates nucleotide positions of predicted exons.	
30	Play	Ref	Strand NL_position
	400489	8954013	Plus 131475-131652
	400545	9800107	Minus 124618-124881
	400625	7228177	Minus 117266-117441
	400632	3818355	Plus 72875-73447,75874-76425
35	400637	8894326	Plus 68901-69507
	400675	8118750	Plus 11223-11816
	401007	8117933	Minus 140821-141050
	401082	3242744	Plus 22937-23494,27677-27966
	401223	8099088	Plus 148940-150214
40	401551	8096896	Minus 189824-190728
	401577	9280787	Minus 139377-139674,141195-141281,142217-142340
	401703	4826475	Plus 135-1229
	402056	8084234	Plus 207002-207288
	402100	8117697	Plus 133649-133792
45	402195	7689778	Minus 147901-148884
	402275	2936596	Minus 31065-31233,33680-33771,34345-34411,38890-39125,39779-39943
	402316	7527774	Minus 10761-10819,18817-19052,22131-22328
	402358	8886976	Minus 131788-132729
	402369	1905815	Minus 24502-24666,24986-25102
50	402426	9796361	Minus 73590-73824
	402457	9796782	Minus 16513-16577,16838-16926
	402520	7596899	Minus 171761-171996
	402550	7652009	Minus 80413-80673
	402741	9212200	Minus 18603-18760,19719-19890
55	402865	9716300	Plus 3197-3429,3722-3914,5795-5887,6802-6961,8653-8815,9292-9660
	402959	9368493	Plus 36729-37084
	403121	9180223	Plus 4059-4258
	403368	4388738	Plus 70286-70429,75185-75258
	403552	6862638	Minus 117504-117662
60	403731	7543752	Minus 144000-144818
	404033	8122195	Plus 7976-8156
	404111	9408738	Plus 161506-161781
	404244	5672609	Minus 98173-98517
	404282	2276311	Plus 61503-62205
65	404597	9958262	Minus 114369-114599
	404642	9796810	Plus 102899-103145
	404654	9797010	Plus 6275-6527
	404947	7382205	Plus 29740-30105,30176-30412
	405100	8076846	Plus 144114-144234
70	405114	8096938	Minus 97013-97560
	405228	7248890	Plus 92234-95905
	405313	3638854	Plus 68924-69093
	405324	3342751	Minus 5475-5677
	405478	6453391	Plus 1668-1844
75	405895	7677903	Minus 68990-67484
	406059	9103984	Minus 13858-14004
	406150	9886026	Minus 59331-59701
	406535	7711477	Plus 83135-83352

80 TABLE 23A: 626 genes upregulated in uterine cancer relative to normal body tissues

Table 23A lists about 626 genes upregulated in uterine cancer relative to normal body tissues that are likely to encode proteins amenable to modulation by small molecules, peptides, or antibodies. These genes were selected from 59680 probesets on the Eos/Affymetrix Hu03 Genechip array. Gene expression data for each probeset obtained from this analysis

was expressed as average intensity (AI), a normalized value reflecting the relative level of mRNA expression. The protein products of these genes often contain one or more domains indicative of have oncogenic function or of transducing intracellular signals, or of being modulatable by small molecules, peptides, or antibodies (e.g. pkinase, death-domain, 7tm, phosphatase, or ion\_transporter). Certain predicted protein domains are noted.

5	Pkey:	Unique Ecos proberset identifier number
	ExAccn:	Exemplar accession number, GenBank accession number
	UniGeneID:	UniGene number
	Pred.Prod.Domains:	Certain predicted protein domains. Abbreviations used: TM, transmembrane domain; SS, signal sequence; =Y, very likely to contain; =M, likely to contain; other protein domain abbreviations are from PFAM (Nucleic Acids Research, 2002, 30:276-280).
10	UniGene Title:	UniGene gene title
	R1	95th percentile of uterine cancer AIs divided by the 50th percentile of normal tissue AIs, where the 10th percentile of all normal tissue AIs was subtracted from both the numerator and denominator
15	Pkey; ExAccn; UniGeneID; UniGene Title; Pred.Prod.Domains; R1	
		428330; L22524; Hs.2256; matrix metalloproteinase 7 (matrilysin, ; Peptidase_M10; 35.11
		420440; NM_002407; Hs.97644; membranaglobin 2; Uterogloblin; 22.80
20		439335; AA742697; Hs.62492; NM_052863; Homo sapiens secretogloblin, fa; none; 21.66
		425723; NM_014420; Hs.159311; dickkopf (Xenopus laevis) homolog 4; none; 21.11
		421481; AW391972; Hs.104696; KIAA1324 protein; none; TM=M; SS=M; 20.20
		437938; AI950087; Hs.369628; gb:wg05c02x1 NCI_CGAP_Kid12 Homo sapiens; none, none; 19.83
		406587; M31125; Hs.352054; matrix metalloproteinase 11 (stromelysin; hemopexin, Peptidase_M10; 17.68
25		448819; AU078643; Hs.313; secreted phosphoprotein 1 (osteopontin, ; Osteopontin; 17.60
		418281; U09550; Hs.1154; oviductal glycoprotein 1, 120kD (mucin 9; Glyco_hydro_18; TM=M; SS=M; 17.48
		431130; NM_006103; Hs.2719; HE4; epididymis-specific, whey-acidic pr; wap; TM=M; SS=Y; 16.59
		400301; U03636; Hs.1687; estrogen receptor 1; F-box, hormone_rec, zf-C4, Oest_recap, adh_zinc, ketoacyl-synt, pp-binding, Acyl_Ltransf, Thioesterase, ketoacyl-synt_C, AAA, E7, RFX_DNA_binding; TM=M; SS=N; 16.11
30		419356; A1656166; Hs.7331; hypothetical protein FLJ22316; Asparaginase_2, none; 15.90
		433222; AW514472; Hs.238415; dickkopf (Xenopus laevis) homolog 4; none, PHO4; 15.39
		417831; W95642; Hs.82961; trefall factor 3 (intestinal); trefall; 15.39
		400284; ; NM_000125; Homo sapiens estrogen receptor; hormone_rec, zf-C4, Oest_recap; TM=M; SS=M; 15.23
		456662; NM_002448; Hs.1494; msh (Drosophila) homeo box homolog 1 (fo; homeobox, none; 15.04
35		436817; A1023799; Hs.163242; ESTs; none, none; 13.72
		453857; A1080235; Hs.35851; Ras-induced senescence 1 (RIS1); none; TM=Y; SS=M; 13.67
		424687; J05070; Hs.151738; matrix metalloproteinase 9 (gelatinase B; m2, hemopexin, Peptidase_M10; 13.51
		458627; AW088642; Hs.97984; SRY (sex determining region Y)-box 17 (S; HMG_box; TM=M; SS=N; 13.44
40		410001; A8041038; Hs.57771; kallikrein 11; trypsin; TM=M; SS=M; 13.41
		421445; AA913059; Hs.104433; Homo sapiens, clone IMAGE4064868, mRNA; ion_trans_K_tetra, asp; 13.27
		448048; Z45051; Hs.22920; similar to S68401 (cattle) glucose induc; Lamp; TM=M; SS=M; 12.76
		436972; AA284679; Hs.25640; claudin 3; PMP22_Claudin; TM=Y; SS=M; 12.59
		450693; AW450461; Hs.203955; ESTs; Sema, Ig, none; 12.52
45		415457; AW081710; Hs.7369; Homo sapiens testis specific A2 homolog; MORN, sugar_br; TM=Y; SS=M; 12.46
		413719; BE435900; Hs.75498; small inducible cytokine subfamily A (C); IL8; 12.23
		431629; AU077025; Hs.265827; interferon, alpha-inducible protein (clo; none; TM=M; SS=Y; 12.09
		417389; BE260984; Hs.82045; midkine (neurite growth-promoting factor; PTN_MK; TM=M; SS=Y; 12.08
		407786; AA887638; Hs.38972; tetraspan 1; transmembrane4; TM=Y; SS=M; 11.81
50		444381; BE387335; Hs.283713; hypothetical protein BC014245; Collagen; TM=M; SS=M; 11.86
		446608; N75217; Hs.176522; ESTs; Armadillo_seg, HEAT_PBS; TM=M; SS=M; 11.72
		447835; AW591623; Hs.164129; ESTs; Weakly similar to I38022 hypothetical; none, UQ_con; 11.59
		420181; A1380089; Hs.158951; ESTs; none, Ig, pkinase, LRR, LRRCT; 11.49
		451253; H48298; Hs.26126; claudin 10; PMP22_Claudin, Peptidase_M1K_tetra; TM=Y; SS=M; 11.45
55		453968; AA847843; Hs.62711; High mobility group (nonhistone chromatin; HMG_box, none; 11.42
		448133; AA723157; Hs.73769; folate receptor 1 (adult); Folate_rec, MIP; TM=M; SS=M; 11.37
		421552; AF026692; Hs.105700; secreted frizzled-related protein 4; Fz, NTR; 11.08
		452367; U71207; Hs.29279; eyes absent (Drosophila) homolog 2; Hydrolase; 11.01
		409745; AA077391; ; gb:7B14E12 Chromosome 7 Fetal Brain cDNA; 7tm_1, zf-C3HC4, m3, SPRY, KRAB, zf-C2H2, vna, zf-B_box; TM=Y; SS=M; 10.95
60		415138; C18356; Hs.295944; tissue factor pathway inhibitor 2; Kunitz_SPTI, none; 10.81
		416658; U03272; Hs.79432; fibrillin 2 (congenital contractural ara; EGF, TB, granulin, PSI, EB, TIL; TM=M; SS=M; 10.81
		411558; AA102670; Hs.70725; gamma-aminobutyric acid (GABA) A receptor; Neur_chan_LBD, Neur_chan_membr; TM=Y; SS=M; 10.72
		438091; AW373062; Hs.351546; nuclear receptor subfamily 1, group I, m; hormone_rec, zf-C4, none; 10.66
		425071; NM_013989; Hs.154424; deiodinase, iodothyronine, type II; T4_deiodinase; TM=M; SS=Y; 10.65
65		430832; A1073913; Hs.100686; ESTs; Weakly similar to J0360 Anterior; none, none; 10.52
		451497; H83294; Hs.284122; Wnt inhibitory factor-1; EGF, WIF; 10.50
		421476; A1683243; Hs.97268; ESTs; Moderately similar to S29539 ribos; none, none; 10.50
		408231; AA446644; Hs.692; GA733-2 antigen; epithelial glycoprotein; thyroglobulin_1; TM=Y; SS=M; 10.35
		443785; AW449952; Hs.190125; basic-helix-loop-helix-PAS protein; HLH, PAS; TM=M; SS=N; 10.34
70		408142; A1136877; Hs.50758; SMC4 (structural maintenance of chromoso; ABC_tran, M, SMC_N, SMC_C, DUF164, none; 10.34
		431846; BE019924; Hs.271580; uroplakin 1B; transmembrane4; TM=Y; SS=M; 10.34
		415539; A1733881; Hs.72472; NAME OMITTED ... receptor kinase; pkinase, Activin_rec, PDZ_ZUS, death; 10.31
		411274; NM_002776; Hs.69423; kallikrein 10; trypsin; TM=M; SS=N; 10.24
		423673; BE003054; Hs.1695; matrix metalloproteinase 12 (macrophage; hemopexin, Peptidase_M10; TM=M; SS=M; 10.24
		441377; BE218239; Hs.202658; ESTs; none, none; 10.17
75		400292; AA250737; Hs.72472; NAME OMITTED ... receptor kinase; pkinase, Activin_rec, PDZ_ZUS, death; 10.17
		452584; AU076405; Hs.25981; solute carrier family 26 (sulfate transp; xan_ur_permease, Sulfate_transp, STAS, HMG_box; 10.12
		429663; A168874; Hs.211587; phospholipase A2, group IVA (cytosolic; C2, PLA2_B; TM=M; SS=N; 9.87
		413859; AW992356; Hs.8364; Homo sapiens pyruvate dehydrogenase kin; SAM_PNT, none; 9.87
		408562; A1436323; Hs.31141; roundabout (axon guidance receptor; Dros; Ig, fn3; TM=M; SS=N; 9.86
80		428970; BE276891; Hs.194691; retinoic acid induced 3 (RAIG1); melabr; 7tm_3; TM=Y; SS=M; 9.72
		438089; W05391; Hs.351546; nuclear receptor subfamily 1, group I, m; hormone_rec, zf-C4, none; 9.68
		411089; AA456454; Hs.355702; cell division cycle 2-like 1 (PITSLRE pr; none, none; 9.53
		450451; AW591528; Hs.202072; ESTs; none, none; 9.53
		456062; A1666286; Hs.71962; ESTs; Weakly similar to B36298 proline-r; none, none; 9.50

- 418113; AI272141; Hs.83484; SRY (sex determining region Y)-box 4; HMG\_box,homeobox;TM=M;SS=N; 9.38  
 412791; AI131192; Hs.143199; ESTs; Weakly similar to S72481 probable ; pkinase,PBD:none; 9.36  
 432435; BE218886; Hs.282070; ESTs; none:none; 9.35  
 416530; U62801; Hs.79361; kallikrein 6 (neurosin, zyme); trypsin;TM=M;SS=M; 9.32  
 439018; AW300887; Hs.26638; membrane-spanning 4-domains, subfamily A; none;TM=Y;SS=M; 9.23  
 445537; AJ245671; Hs.12844; EGF-like domain, multiple 6; EGF,MAM; 9.19  
 410407; X66839; Hs.63287; carbonic anhydrase IX; carb\_anhydrase;TM=M;SS=M; 9.19  
 417165; R80137; Hs.302736; Homo sapiens cDNA: FLJ21425 fis, clone C; Sulfate\_transp.STAS,HMG\_box; 9.17  
 453459; BE047032; Hs.257789; ESTs; none:none; 9.14  
 431674; AA096901; Hs.301642; G-protein coupled receptor; none,GCV\_H; 9.06  
 418004; U37519; Hs.87539; aldehyde dehydrogenase 3 family, member ; aldedh;TM=M;SS=M; 9.00  
 413278; BE563085; Hs.833; interferon-stimulated protein, 15 kDa; ubiquitin; 8.93  
 436954; AA740151; Hs.130425; ESTs; none:none; 8.91  
 420344; BE463721; Hs.97101; putative G protein-coupled receptor; Methyltransf\_5;TM=Y;SS=M; 8.89  
 425397; J04088; Hs.156346; topoisomerase (DNA) II alpha (170kD); DNA\_gyraseB,DNA\_topoisolV,HATPase\_c;; 8.86  
 407792; AI077715; Hs.39384; putative secreted ligand homologous to f; none;TM=M;SS=Y; 8.80  
 451027; AW519204; Hs.40808; Homo sapiens, Similar to RIKEN cDNA 2810; none:none; 8.79  
 422809; AK001379; Hs.121028; hypothetical protein FLJ10549; IQ;TM=M;SS=N; 8.72  
 413385; M34455; Hs.840; indoleamine-pyrole 2,3 dioxygenase; IDO;TM=M;SS=N; 8.70  
 444784; D12485; Hs.11951; ectonucleotide pyrophosphatase/phosphodi; Somatomedin\_B,Endonuclease,Phosphodiast;TM=Y;SS=M; 8.69  
 421502; AF111856; Hs.105039; solute carrier family 34 [sodium phospho; Ribosomal\_L20,Na\_PL\_cotrans;TM=Y;SS=N; 8.67  
 437935; AW939581; Hs.5940; muchn 13, epithelial transmembrane; EGF,SEA;TM=Y;SS=M; 8.66  
 408692; AL040127; Hs.34074; dipeptidylpeptidase VI; DPPIV\_N\_term,Peptidase\_S9:none; 8.55  
 414812; X72755; Hs.77367; monokine induced by gamma interferon; IL8;TM=M;SS=Y; 8.53  
 428187; AI687303; Hs.285529; G protein-coupled receptor 49; 7tm\_1:none; 8.49  
 448872; AI955511; Hs.374290; ESTs; Tig\_chan,ANF\_receptor,SBP\_bac\_3;TM=Y;SS=M; 8.44  
 425776; U25126; Hs.158499; parathyroid hormone receptor 2; 7tm\_2,HRM;TM=Y;SS=M; 8.40  
 443428; AF098158; Hs.9329; chromosome 20 open reading frame 1; none;TM=M;SS=N; 8.40  
 452093; AA447453; Hs.27860; Homo sapiens mRNA; cDNA DKFZp686M0723 (f; 7tm\_1:none; 8.33  
 407894; AJ278313; Hs.41143; phosphoinositide-specific phospholipase ; C2,P1-PLC-Y,PI-PLC-X;TM=M;SS=N; 8.23  
 409799; D11928; Hs.76845; phosphoserine phosphatase-like; Hydrolase;TM=M;SS=N; 8.21  
 419508; AW997939; Hs.90786; ATP-binding cassette, sub-family C (CFTR; ABC\_tran,ABC\_membrane;TM=Y;SS=M; 8.20  
 424441; X14850; Hs.147097; H2A histone family, member X; histone,CBFD\_NFYB\_HMF;; 8.20  
 408243; Y00787; Hs.624; interleukin 8; IL8;PAS,IL8;TM=M;SS=N; 8.00  
 415752; BE314524; Hs.78776; putative transmembrane protein; none;TM=Y;SS=N; 7.99  
 426208; AW160644; Hs.116895; potassium voltage-gated channel, subfam1; ion\_trans,K\_tetra;TM=Y;SS=N; 7.99  
 433001; AF215153; Hs.279905; clone HQ0310 PRO0310p1; none;; 7.95  
 408549; AA159216; Hs.55505; hypothetical protein FLJ20442; Y\_phosphatase,DSPC;TM=M;SS=N; 7.95  
 424078; AB006625; Hs.139033; paternally expressed 3; zf-C2H2,KRAB:none; 7.86  
 432178; X75208; Hs.2913; EphB3; EPH\_bcd,fn3,pkinase,SAM;TM=Y;SS=M; 7.85  
 425461; M62052; Hs.150917; catenin (cadherin-associated protein), alpha Vinculin,DNA\_ligase\_ZBD;TM=M;SS=N; 7.84  
 420610; AI683183; Hs.99348; distal-less homeo box 5; homeobox;TM=M;SS=N; 7.81  
 438856; AI489355; Hs.127310; ESTs; pkinase,rm;TM=M;SS=N; 7.81  
 411125; AA151847; Hs.68877; cytochrome b-245, alpha polypeptide; none;TM=Y;SS=M; 7.80  
 407811; AW190902; Hs.40099; cysteine knot superfamily 1, BMP antagon; TGF-beta,DAN; 7.78  
 424399; AI905687; Hs.348419; AI905687:IL-BT095-190199-019 BT095 Homo ; none;TM=M;SS=M; 7.65  
 418836; AI655499; Hs.161712; ESTs; pkinase,ActWn\_rec,PDZ,ZU5,death; 7.64  
 435793; AB037734; Hs.4993; KIAA1313 protein; none;TM=M;SS=N; 7.51  
 426201; AW182614; Hs.128499; ESTs; SH3:none; 7.59  
 447400; AK000322; Hs.18457; hypothetical protein FLJ20315; zf-C3HC4;TM=Y;SS=M; 7.55  
 410850; AW362867; Hs.302738; Homo sapiens cDNA: FLJ21425 fis, clone C; Sulfate\_transp.STAS,HMG\_box; 7.55  
 453464; AI884911; Hs.32989; receptor (calcitonin) activity modifying; none;TM=Y;SS=N; 7.54  
 417115; AW952792; Hs.334612; small nuclear ribonucleoprotein polypept; Sm,pkinase; 7.52  
 437897; AA770561; Hs.146170; hypothetical protein FLJ22669; zf-DHHC:none; 7.38  
 443991; NM\_002250; Hs.10082; potassium intermediate/small conductance; CaMBD,SK\_channel,ion\_trans;TM=Y;SS=M; 7.36  
 414617; AI339520; Hs.288817; ESTs; Moderately similar to N Chaln N, M; hexokinase,hexokinase2;TM=Y;SS=N; 7.35  
 422017; NM\_003877; Hs.110776; STAT induced STAT inhibitor-2; SH2; 7.33  
 424834; AK001432; Hs.153408; Homo sapiens cDNA FLJ10570 fis, clone NT; none:none; 7.30  
 409041; AB033025; Hs.50081; Hypothetical protein, XP\_051860 (KIAA119; none;TM=M;SS=M; 7.28  
 417079; U65590; Hs.81134; interleukin 1 receptor antagonist; IL1; 7.28  
 429170; NM\_001394; Hs.2359; dual specificity phosphatase 4; Rhodanese,DSPC,Y\_phosphatase,Ribosomal\_S3\_N;TM=M;SS=N; 7.28  
 418506; AA084248; Hs.372651; Unknown protein for MGC:29643 (formerly ; none:none; 7.27  
 448913; AA194422; Hs.22564; myosin VI; rm,zf-RanGTP,pkinase,GST\_C,Elts,SAM\_PNT,ABC2\_membrane,myosin\_head,IQ,Myosin\_N,bZIP,zf-C2H2,PHD,BTB,TFIIIS,AT\_hook,SAM;TM=M;SS=N; 7.26  
 409340; BE174629; Hs.321130; hypothetical protein MGC2771; aa\_permeases,pyridoxal\_deC,bromodomain,PHD,MBO,AT\_hook,DDT,PI3\_PI4\_kinase,FAT,FATC,BclA,RUN;TM=M;SS=N; 7.26  
 424317; AI685032; Hs.26017; ESTs; none,pkinase; 7.21  
 410361; BE391804; Hs.62661; guanylate binding protein 1, interferon-; GBP,GBP\_C;TM=Y;SS=M; 7.21  
 428450; NM\_014791; Hs.184339; KIAA0175 gene product; KA1,pkinase;TM=M;SS=N; 7.14  
 438707; L08239; Hs.6326; amino acid system N transporter 2; porcu; ACAT,MBOAT;TM=Y;SS=M; 7.05  
 423011; NM\_000683; Hs.123022; adrenergic, alpha-2C, receptor; 7tm\_1;TM=Y;SS=M; 7.03  
 435021; AA922192; Hs.73962; ESTs; EPH\_bcd,pkinase,fn3,SAM:none; 7.02  
 448163; AA026880; Hs.25252; prolactin receptor; none,NA;NA; 7.01  
 447768; X66400; Hs.19520; FYXD domain-containing ion transport reg; ATP1G1\_PLM\_MAT8;TM=M;SS=N; 7.00  
 439453; BE264974; Hs.6666; thyroid hormone receptor Interactor 13; AAA,ABC\_tran,CoaE;TM=M;SS=N; 6.99  
 451035; AU076785; Hs.430; plastin 1 (I isoform); ehand,CH,Adaptin\_N; 6.99  
 450581; AF081513; Hs.25195; TGF-beta 4; TGF-beta,TGFb\_propeptide; 6.95  
 424054; AA334511; Hs.26638; membrane-spanning 4-domains, subfamily A; none;TM=Y;SS=M; 6.93  
 432519; AJ221311; Hs.130704; ESTs; Weakly similar to BCHUIA S-100 pro; none:none; 6.93  
 436481; AA379597; Hs.5199; HSPC150 protein similar to ubiquitin-coa; UQ\_con;TM=M;SS=N; 6.92  
 419693; AA133749; Hs.301350; FYXD domain-containing ion transport reg; ATP1G1\_PLM\_MAT8;TM=Y;SS=M; 6.92  
 437139; W73685; Hs.118513; ESTs; Weakly similar to RTA RAT PROBABLE; 7tm\_1;TM=Y;SS=M; 6.87  
 418054; NM\_002318; Hs.83354; lysyl oxidase-like 2; SRCR,Lysyl\_oxidase;TM=M;SS=M; 6.87

- 418203; X54942; Hs.83758; CDC28 protein kinase 2; CKS; 6.86  
 410467; AF102546; Hs.63931; dechshund (Drosophila) homolog; Gkl\_Sno; TM=M; SS=M; 6.86  
 425247; NM\_005940; Hs.155324; matrix metalloproteinase 11 (stromelysin; hemopexin, Peptidase\_M10; 6.85  
 453064; R40334; Hs.89463; potassium large conductance calcium-acti; none, none; 6.83  
 452046; AB018345; Hs.27657; KIAA0802 protein; none; TM=M; SS=N; 6.79  
 417771; AB004658; Hs.82547; retinoic acid receptor responder (Iazaro; none, none; 6.79  
 422293; X94453; Hs.114366; pyrroline-5-carboxylate synthetase (glut; aldedh, aakinas; TM=M; SS=N; 6.77  
 431470; AA832417; Hs.139650; ESTs; none, ig, pkinase, LRR, LRRCT; 6.76  
 418738; AW388633; Hs.6682; solute carrier family 7, (cationic amino; none, none; 6.75  
 418751; BE389014; Hs.372548; phosphoinositide-3-kinase, regulatory su; SH2, none; 6.74  
 417886; AA214584; ; ESTs; SPRY, 7tm\_3, ANF\_receptor, none; 6.72  
 412926; AB879078; Hs.75061; macrophage myristoylated alanine-rich C; MARCKS; 6.70  
 437960; AB59588; Hs.369312; ESTs; none, none; 6.68  
 428953; AA306610; Hs.348183; tumor necrosis factor receptor superfamily; 60s\_ribosomal, Ribosomal\_L10, TNFR\_c6, DEAD; 6.66  
 444006; BE395085; Hs.334762; type I transmembrane protein Fn14; Idl\_recept\_a, PKD, MHC; TM=M; SS=Y; 6.65  
 419340; AA193338; Hs.12321; sodium calcium exchanger; Na\_Ca\_Ex; TM=Y; SS=M; 6.64  
 449656; AA002008; Hs.188633; ESTs; PIP5K, none; 6.64  
 447485; AW401854; Hs.18720; programmed cell death 8 (apoptosis-induc; pyr\_redox; TM=M; SS=N; 6.62  
 446063; AT720140; Hs.151079; ESTs; ISK\_Channel, none; 6.61  
 424762; AL118442; Hs.183684; eukaryotic translation initiation factor; none, none; 6.60  
 421554; AW137676; Hs.37775; ESTs; none, none; 6.59  
 418476; U38945; Hs.1174; cyclin-dependent kinase inhibitor 2A (ma; ank; 6.55  
 424905; NM\_002497; Hs.153704; NIMA (never in mitosis gene a)-related k; pkinase; TM=M; SS=N; 6.54  
 446730; AB032933; Hs.21894; KIAA1157 protein; PP2C; TM=M; SS=N; 6.54  
 433577; AW007080; Hs.284192; ESTs; none, none; 6.53  
 422627; BE336857; Hs.118787; transforming growth factor, beta-induced; Fascidin, ABC, Iran, ABC\_membrane, GTP\_EFTU; TM=M; SS=M; 6.53  
 442133; AW874138; Hs.129017; ESTs; type Ia transmembrane protein; LRR, LRRNT, LRRCT; TM=Y; SS=M; 6.52  
 430259; BE550182; Hs.375142; RasGEF-like protein 3, mouse homolog; fn3, RA, RasGEF; TM=M; SS=M; 6.52  
 434263; N34855; Hs.79187; ESTs; ig, none; 6.49  
 418322; AA284166; Hs.84113; cyclin-dependent kinase inhibitor 3 (CDK; Y\_phosphatase, DSPc; TM=M; SS=N; 6.48  
 419942; U25138; Hs.93941; potassium large conductance calcium-acti; CaKb; TM=Y; SS=M; 6.47  
 421064; AJ245432; Hs.101362; tumor necrosis factor, alpha-induced pro; none; TM=M; SS=N; 6.47  
 432636; AA340854; Hs.278582; claudin 7; PMP22\_Claudin; TM=Y; SS=M; 6.45  
 431685; AW296135; Hs.267659; yav 3 oncogene; CH1, DAG\_PE-bind, PH, RhoGEF, SH2, SH3, DC1; TM=M; SS=N; 6.44  
 428832; AA578229; Hs.324239; ESTs; Moderately similar to ZN81\_HUMAN Z; Osteopontin, none; 6.39  
 436775; AA731111; Hs.372225; ESTs; none, none; 6.39  
 424343; AW956360; Hs.4748; adenylate cyclase activating polypeptide; 7tm\_2, HRM, none; 6.37  
 421071; AJ311238; Hs.104476; ESTs; Weakly similar to OGHU1E collagen; none; TM=Y; SS=M; 6.37  
 438209; AL120659; Hs.6111; aryl-hydrocarbon receptor nuclear trans; HLH, PAS, ILB; TM=M; SS=N; 6.37  
 438933; AA828995; ; gbod77b08.s1 NCL\_CGAP\_Ov2 Homo sapiens; EGF, metallo, integrin\_B, PSI, none; 6.27  
 406400; ; kallikrein 8 (neuropilin/vasin) (KLK8); trypsin; TM=M; SS=M; 6.27  
 429556; AW139399; Hs.314807; ESTs; none; TM=M; SS=N; 6.26  
 409269; AA576953; Hs.22972; steroid 5 alpha-reductase 2-like; H5AR g; Steroid\_dh; TM=Y; SS=M; 6.25  
 435732; AF229178; Hs.123136; leucine rich repeat and death domain con; none, none; 6.24  
 439568; AJ081277; Hs.302634; frizzled (Drosophila) homolog 8; Frizzled, Fz, 7tm\_2, loxin\_2; TM=Y; SS=M; 6.24  
 412276; BE262621; Hs.37398; macrophage migration inhibitory factor (i; MIF, sugar, tr, none; 6.23  
 436961; AW375974; Hs.156704; ESTs; none, none; 6.23  
 434808; AF155108; Hs.256150; NY-REN-41 antigen; none; TM=M; SS=N; 6.22  
 440006; AK000517; Hs.8844; NALP2 protein; PYRIN-Containing APAF-1-i; AAA, NB-ARC, PAAD\_DAPIN; NA; NA; 6.20  
 416224; NM\_002902; Hs.79088; reticulocalbin 2, EF-hand calcium bindin; eband; 6.20  
 449327; AJ271216; Hs.22880; dipeptidylpeptidase II; Peptidase\_M49, EGF, Ig, Neuregulin; TM=M; SS=N; 6.19  
 418318; U47732; Hs.84072; transmembrane 4 superfamily member 3; transmembrane4; TM=Y; SS=M; 6.19  
 452551; L27071; Hs.28677; TXK tyrosine kinase; Beach, WD40, SH2, SH3, pkinase; TM=M; SS=N; 6.14  
 418969; W33191; Hs.28907; hypothetical protein FLJ20258; SH3; TM=M; SS=N; 6.12  
 445482; AA378776; Hs.288649; hypothetical protein MGC3077; none; 6.11  
 456534; X91195; Hs.100623; phospholipase C, beta 3, neighbor pseudo; LIM, PDZ, pkinase; 6.11  
 449700; U02867; Hs.78358; paraneoplastic antigen; none; TM=M; SS=N; 6.10  
 428479; Y00272; Hs.334562; cell division cycle 2, G1 to S and G2 to; pkinase, ICE\_p10, ICE\_p20; TM=M; SS=M; 6.10  
 416208; AA236776; Hs.79078; MAD2 (mitotic arrest deficient, yeast; h; HORMA; TM=M; SS=N; 6.09  
 433159; AB036898; Hs.150587; kinesin-like protein 2; hZIP\_kinesin; 6.08  
 432432; AA541323; Hs.116831; ESTs; ig, Sema, PSI, none; 6.07  
 409618; AK001015; Hs.55220; BCL2-associated athanogene 2; BAG; TM=M; SS=N; 6.04  
 412723; AA648459; Hs.335951; hypothetical protein AF301222; none; TM=M; SS=N; 6.03  
 424273; W40460; Hs.144442; phospholipase A2, group X; phospho; TM=M; SS=Y; 6.03  
 409430; R21945; Hs.346735; splicing factor, arginine/serine-rich 5; DSPc, Rhodanese, none; 6.00  
 421143; AB024536; Hs.102171; immunoglobulin superfamily containing le; ig, LRR, LRRNT, LRRCT; TM=M; SS=M; 6.00  
 428677; A1657119; Hs.351682; troponin I, cardiac; none; TM=M; SS=N; 6.00  
 450058; W27249; Hs.8108; hypothetical protein FLJ21080; SET, zt-MYND; TM=M; SS=N; 6.00  
 410422; AL042014; Hs.83348; Homo sapiens, clone MGC:15203, mRNA, com; C1q, Collagen; 5.99  
 419972; AL041465; Hs.182982; golgin-67; none, none; 5.98  
 41251; Z28913; Hs.102948; enigma (LIM domain protein); LIM, PDZ; 5.97  
 403362; ; NM\_001615; Homo sapiens actin, gamma 2; ; actin; 5.95  
 451541; BE279383; Hs.26567; plakophilin 3; Armadillo\_seg; TM=M; SS=N; 5.95  
 420253; A1656065; Hs.96200; neighbor of A-kinase anchoring protein 9; none; NA; NA; 5.93  
 421506; BE302796; Hs.105097; thymidine kinase 1, soluble; TK; TM=M; SS=N; 5.93  
 450447; AF212223; Hs.25010; hypothetical protein P15-2; NTF2; TM=M; SS=N; 5.92  
 450747; A1064821; Hs.129593; ESTs, Highly similar to 1818357A EWS gen; nm, zt-RanBP, GAS2; 5.92  
 415211; R64730.comp; Hs.156988; DEAD/H (Asp-Glu-Ala-Asp/His) box polypep; DEAD, heicase\_C, mm, Ndr, Cys\_knot, TIL, vwa, vwc, vwd, IQ, R1la, abhydrolase, TGF-beta, DUF139, TPR, DSPc, isp\_1, Ribosomal\_S21, rvp; TM=M; SS=N; 5.91  
 429910; NM\_000867; Hs.2507; 5-hydroxytryptamine (serotonin) receptor; 7tm\_1; TM=Y; SS=N; 5.90  
 447131; NM\_004585; Hs.17466; retinoic acid receptor responder (Iazaro; none; TM=Y; SS=N; 5.89  
 437952; D63209; Hs.5944; solute carrier family 11 (proton-coupled; none; TM=Y; SS=M; 5.89  
 446291; BE397753; Hs.14623; interferon, gamma-inducible protein 30; GILT; TM=M; SS=Y; 5.89

- 453102; NM\_007197; Hs.31664; frizzled (Drosophila) homolog 10; Fz, Frizzled, 7tm\_2; TM=Y; SS=M; 5.87  
 426761; AI015709; Hs.172089; PORIMIN Pro-oncosis receptor inducing mcs; none; TM=Y; SS=M; 5.85  
 425367; BE271184; Hs.155975; protein tyrosine phosphatase, receptor t; none; TM=M; SS=Y; 5.85  
 426108; AA622037; Hs.166468; programmed cell death 5; DUF122; TM=M; SS=N; 5.84  
 450502; T08065; Hs.118262; ESTs; Ion\_trans, ion\_trans; 5.84  
 442662; AI005163; Hs.201378; Homo sapiens cDNA FLJ40427 fis; none; TM=M; SS=N; 5.83  
 424917; AI636208; Hs.96901; hypothetical protein FLJ23049; none; TM=M; SS=N; 5.83  
 448569; BE382657; Hs.21486; signal transducer and activator of trans; SH2, STAT, STAT\_bind, STAT\_prot; TM=M; SS=N; 5.82  
 422616; BE300330; Hs.118725; selenophosphate synthetase 2; AIRS, AIRS\_C; TM=M; SS=N; 5.82  
 445133; AW157646; Hs.198689; ESTs; ehfand, spectrin, GAS2, SH3, Plectin, RA, Xylose\_isom, FRD, bZIP, Tropomyosin, Myo-LZ, M, Idh\_C, CH, AIP3; TM=M; SS=N; 5.79  
 426215; AW963419; Hs.155223; stanniocalcin 2; Stanniocalcin; 5.78  
 414482; SS7498; Hs.76252; endothelin receptor type A; 7tm\_1; TM=Y; SS=M; 5.75  
 414809; AI434699; Hs.77356; transferrin receptor (p90, CD71); PA; TM=Y; SS=N; 5.74  
 452683; AI089575; Hs.374574; progesterone membrane binding protein; homeobox; none; 5.72  
 432201; AI538613; Hs.298241; Transmembrane protease, serine 3; Idl\_recept\_a, trypsin; TM=Y; SS=M; 5.72  
 429345; R11141; Hs.199695; hypothetical protein; K\_tetra, SAM; 5.72  
 449458; AI805078; Hs.208261; ESTs; Frizzled, Fz; none; 5.72  
 418526; BE019020; Hs.85838; solute carrier family 16 (monocarboxylic); none; TM=Y; SS=M; 5.71  
 418846; AI820961; Hs.193465; ESTs; PDZ, pkinase; none; 5.70  
 426227; U67058; Hs.164299; Human proteinase activated receptor-2 mir; 7tm\_1; TM=Y; SS=M; 5.69  
 411190; AA305342; Hs.69171; protein kinase C-like 2; pkinase, pkinase\_C, HR1; TM=M; SS=N; 5.69  
 411263; BE297802; Hs.69360; kinesin-like 6 (mitotic centromere assoc; kinesin; TM=M; SS=N; 5.69  
 445136; AI348014; Hs.143949; ESTs; Weakly similar to Achaele-Scute hoc; Ion\_trans, ion\_trans; 5.69  
 409223; AA312572; Hs.362852; phosphoinositide-3-kinase, regulatory su; SH2, SH3, RhoGAP; none; 5.67  
 430016; NM\_004736; Hs.227656; xenotropic and polytropic retrovirus rec; SPX, EXS; TM=Y; SS=N; 5.66  
 428638; AI916662; Hs.211577; kinesin 1 (kinesin receptor); bZIP, Tropomyosin, spectrin, LBP, BPL, CETP, B56, M; TM=Y; SS=M; 5.65  
 450334; AF035955; Hs.24879; phosphatidic acid phosphatase type 2C; PAP2; TM=Y; SS=M; 5.64  
 453950; AA156998; Hs.348037; eukaryotic translation initiation factor; none; 5.64  
 425888; M57414; Hs.181305; tachykinin receptor 2; 7tm\_1; TM=Y; SS=M; 5.64  
 432527; AW975028; Hs.102754; ESTs; none; none; 5.64  
 441384; AA447849; Hs.288660; retinoic acid induced 3; 7tm\_3; none; 5.63  
 419080; AW150835; Hs.18876; hypothetical protein FLJ21620; 2OG-Fell\_Oxy; TM=M; SS=N; 5.63  
 447217; BE465754; Hs.17778; neuropilin 2; CUB, MAM, FS\_F8\_type\_C; TM=M; SS=M; 5.61  
 440422; AW452698; Hs.130760; myosin phosphatase, target subunit 2; BTB, Kelch, ank; none; 5.58  
 431341; AA307211; Hs.251531; proteasome (prosome, macropain) subunit; proteasome; TM=M; SS=N; 5.58  
 432805; X94630; Hs.3107; CD87 antigen; 7tm\_2, EGF, GPS, FecCD; TM=Y; SS=M; 5.55  
 449230; BE613348; Hs.358392; melanoma cell adhesion molecule; Ig, Isoth, Ribosomal\_L6, F-box; TM=Y; SS=M; 5.55  
 441607; NM\_005010; Hs.7912; neuronal cell adhesion molecule; WD40, fn3, ig; TM=M; SS=N; 5.54  
 400303; AA242758; Hs.79136; LIV-1 protein, estrogen regulated; none; none; 5.54  
 434826; AF155661; Hs.22265; pyruvate dehydrogenase phosphatase; PP2C; none; 5.53  
 404210; ; NM\_005936; Homo sapiens myeloid/lymphoid ; FHA, PDZ, RA, DIL; TM=M; SS=N; 5.53  
 408051; AI623351; Hs.172148; ESTs; PH, RhoGAP; none; 5.53  
 436726; AA324976; Hs.198689; ESTs; Weakly similar to T00079 hypothet; ehfand, spectrin, GAS2, SH3, Plectin, RA, Xylose\_isom, FliD, bZIP, Tropomyosin, Myo-LZ, M, Idh\_C, CH, AIP3; TM=M; SS=N; 5.53  
 416084; L16991; Hs.79006; deoxythymidylate kinase (thymidylate kin; none; none; 5.52  
 428697; AI375550; Hs.346666; nucleolar protein p40; homolog of yeast1 ; none; none; 5.51  
 433907; AW296107; Hs.152686; ESTs; Armadillo\_seg; none; 5.50  
 442821; BE391929; Hs.8752; transmembrane protein 4; none; 5.50  
 422282; AF019225; Hs.114309; apolipoprotein L; MoLA\_Ext8; TM=Y; SS=M; 5.49  
 439820; AL360204; Hs.203853; Homo sapiens mRNA full length insert cDN; none; none; 5.49  
 428771; AB028992; Hs.193145; KIAA1069 protein; C2, PI-PLC-Y, PI-PLC-X; TM=M; SS=N; 5.48  
 452256; AK000933; Hs.29661; Homo sapiens cDNA FLJ10071 fis, clone HE; GDI, 7tm\_1; none; 5.48  
 442013; AA506476; Hs.375009; Human DNA sequence from clone RP11-353C1; none; none; 5.48  
 408056; AA312329; Hs.42331; ephrin-A4; Ephrin; TM=M; SS=M; 5.47  
 422765; AW409701; Hs.1578; baculoviral IAP repeat-containing 5 (suv; BIR; TM=M; SS=N; 5.47  
 402027; AI628272; Hs.128757; ESTs; Weakly similar to ALU1\_HUMAN ALU S; pkinase, TUDOR; none; 5.47  
 428385; AF112213; Hs.184062; putative Rab5-interacting protein; SH2, SH3; 5.46  
 424517; AI539443; Hs.137447; Homo sapiens cDNA FLJ12189 fs, clone MA; SH2, STAT, STAT\_bind, STAT\_prot; none; 5.45  
 441560; F11385; Hs.7888; v-erb-a avian erythroblastic leukemia vi; pkinase, Recep\_L\_domain, Furin-like, YLP; none; 5.44  
 414883; AA269690; Hs.348669; CDC28 protein kinase 1; CKS; 5.43  
 450402; BE218027; Hs.89999; ESTs; SH3; none; 5.42  
 428484; AF104032; Hs.184601; solute carrier family 7 (cationic amino ; aa\_permeases, pyridoxal\_deC, bromodomain, PHD, MBD, AT\_hook, DDT, PI3\_PI4\_kinase, FAT, FATC, BoIA, RUN; TM=M; SS=N; 5.42  
 430596; AA531276; Hs.59509; ESTs; pkinase, PP2C; none; 5.42  
 412360; AI659306; Hs.73826; protein tyrosine phosphatase, non-recept; Y\_phosphatase, Band\_41, PDZ; TM=M; SS=N; 5.42  
 444783; AK001468; Hs.62180; anillin (Drosophila 8craps homolog), act; PH; none; 5.41  
 448379; AI097463; Hs.21035; KIAA1130 protein; none; Zip; 5.41  
 410082; AA081994; Hs.155311; Musashi (Drosophila) homolog 1; rrm; TM=M; SS=N; 5.41  
 411817; BE302900; Hs.72241; mitogen-activated protein kinase kinase ; pkinase; TM=M; SS=M; 5.40  
 445413; AA151342; Hs.12677; CGI-147 protein; UPF0099; TM=M; SS=M; 5.39  
 451863; AI120634; Hs.331803; ATPase, Ca transporting, plasma membrane; cpn60\_TCP1, E1-E2\_ATPase, Cation\_ATPase\_C, Cation\_ATPase\_N, Hydrolase; 5.38  
 442875; BE623003; Hs.23625; Homo sapiens clone TCCCTA00142 mRNA sequ; K\_tetra, DUF51; none; 5.38  
 439963; AW247629; Hs.6793; platelet-activating factor acetylhydrolase; PAF-AH\_Ib, Lipase\_GDSL; TM=M; SS=N; 5.36  
 450825; AC005964; Hs.25627; tight junction protein 3 (zona occludens; PDZ, Guanylate\_kin; 5.34  
 441031; AI110684; Hs.7645; fibrinogen, B beta polypeptide; fibrinogen\_C, G-alpha, af; TM=M; SS=M; 5.33  
 408369; I38438; Hs.118747; SLC15A2 solute carrier family 15 (H+/pep; PTR2; TM=Y; SS=N; 5.33  
 435391; AA704588; Hs.58934; ESTs; PIP5K; none; 5.33  
 411779; AA292811; Hs.72050; non-metastatic cells 5, protein expressed; NDK; 5.33  
 422170; AI791949; Hs.112432; anti-Mullerian hormone; TGF-beta; 5.32  
 447350; AI375572; Hs.172634; v-erb-a avian erythroblastic leukemia vi; pkinase, Recep\_L\_domain, Furin-like, YLP; none; 5.32  
 449964; AW001741; Hs.24243; hypothetical protein FLJ10706; pkinase; TM=M; SS=N; 5.31  
 425427; M86693; Hs.169840; TTK protein kinase; pkinase; 5.30  
 430407; H23551; Hs.30974; ESTs; pkinase, PBD; none; 5.29

- 416847; L43821; Hs.80261; enhancer of filamentation 1 (cas-like do; SH3; TM=M; SS=N; 5.27  
 425308; M97639; Hs.155585; receptor tyrosine kinase-like orphan rec; ig, kningle, pkinase, Fz; TM=Y; SS=M; 5.27  
 424595; AB020639; Hs.151017; estrogen-related receptor gamma; hormone\_rec, zf-C4; TM=M; SS=N; 5.27  
 428013; AF151020; Hs.181444; hypothetical protein; none; TM=Y; SS=M; 5.26  
 447384; AL377221; Hs.40528; ESTs; SH3, Sorb, none; 5.26  
 441824; AB007871; Hs.7977; KIAA0411 gene product; SH3, RhoGAP; TM=M; SS=N; 5.26  
 439493; AI130740; Hs.5241; phosphoinositide-3-kinase, regulatory su; SH2, SH3, RhoGAP; TM=M; SS=N; 5.26  
 428579; NM\_005755; Hs.184942; G protein-coupled receptor 64; 7tm\_2, GPS; TM=Y; SS=M; 5.25  
 414359; M62194; Hs.75929; cadherin 11, type 2, OB-cadherin (osteob; cadherin, Cadherin\_C\_term; TM=Y; SS=M; 5.25  
 426440; BE382756; Hs.169902; solute carrier family 2 (facilitated glur; sugar\_tr; TM=Y; SS=M; 5.24  
 427157; U51166; Hs.173824; thymine-DNA glycosylase; UDG; TM=M; SS=N; 5.24  
 423686; BE350494; Hs.49753; uveal autoantigen with coiled coil domain; ank, bZIP, M, DUF164, AIP3; 5.23  
 452721; AJ269529; Hs.301871; solute carrier family 37 (glycerol-3-pho; MORN, sugar\_tr; TM=Y; SS=M; 5.23  
 427747; AW411425; Hs.180655; serine/threonine kinase 12; pkinase; TM=M; SS=N; 5.23  
 417821; BE245149; Hs.82643; protein tyrosine kinase 8; coflin, ADF; 5.23  
 412507; L36645; Hs.73964; EphA4; fn3, pkinase, SAM, EPH\_1bd; TM=Y; SS=M; 5.23  
 426770; AJ948618; Hs.150178; ESTs; Sulfate\_transp, STAS; TM=Y; SS=N; 5.23  
 422583; AA410506; Hs.27973; KIAA0874 protein; ank, G-alpha; TM=M; SS=N; 5.22  
 414388; W70171; Hs.75939; uridine monophosphate kinase; PRK, CoaE; 5.22  
 448093; AW977382; Hs.15898; 2,4-dienoyl CoA reductase 2, peroxisomal; adh\_short; 5.21  
 443646; AJ085188; Hs.184226; Thrombospondin 1; EGF, tsp\_1, vwc, TSPN, tsp\_3, none; 5.18  
 457916; BE085271; Hs.8934; ring finger protein 3; pkinase, none; 5.18  
 433933; AF754389; Hs.355397; Homo sapiens clone TCCCIA00164 mRNA sequ; none; NA; NA; 5.18  
 436469; AK001455; Hs.5198; Down syndrome critical region gene 2; none; 5.17  
 433662; W07162; Hs.150826; RAB25 RAB25, member RAS oncogene family; ras, ABC, tran, arf; TM=M; SS=M; 5.17  
 450511; R07423; Hs.85092; thyroid hormone receptor interactor 11; Myosin\_tail, EGF; 5.16  
 409132; AJ224538; Hs.60732; protein kinase, AMP-activated, beta 2 no; none; TM=M; SS=N; 5.15  
 454438; AA224053; Hs.172405; cell division cycle 27; SPRY, 7tm\_3, ANF\_receptor; 5.14  
 413869; NM\_000878; Hs.75596; interleukin 2 receptor, beta; none; TM=Y; SS=M; 5.14  
 422051; AW37548; Hs.111024; solute carrier family 25 (mitochondrial; mito\_carr; TM=M; SS=N; 5.14  
 415474; NM\_014252; Hs.78457; solute carrier family 25 (mitochondrial; mito\_carr; TM=M; SS=N; 5.14  
 411704; AJ499220; Hs.71573; hypothetical protein FLJ10074; pkinase; TM=M; SS=N; 5.13  
 422278; AF072873; Hs.114218; fizzled (Drosophila) homolog 6; Fz, Fizzled, 7tm\_2; TM=Y; SS=M; 5.13  
 454128; AL031259; Hs.367900; programmed cell death 2; zf-MYND; TM=M; SS=N; 5.13  
 431322; AW970522; Hs.376526; gbtEST382704 MAGE resequences, MAGK Homo; none, none; 5.13  
 444754; T83911; Hs.11881; transmembrane 4 superfamily member 4; none; TM=Y; SS=M; 5.12  
 422867; L32137; Hs.1584; cartilage oligomeric matrix protein (pser; tsp\_3, EGF; 5.12  
 416498; U33632; Hs.79351; potassium channel, subfamily K, member 1; ion\_trans; TM=Y; SS=M; 5.11  
 436484; AA720997; Hs.128295; ESTs; none, CAP\_GLY, HCO3\_cotransp, Glyco\_hydro\_63, PH; 5.11  
 419633; AA251131; Hs.220697; Homo sapiens typtophanyl-tRNA synthetas; WHEP-TR5, tRNA-synt\_1b, none; 5.10  
 453587; AJ990741; Hs.252808; ESTs; Na\_Ca\_Ex, none; 5.07  
 413076; U10584; Hs.75188; wee1 (S. pombe) homolog; pkinase; TM=M; SS=N; 5.07  
 456906; AF117646; Hs.156637; Cas-Br-M (murine) ectropic retroviral tr; zf-C3HC4, Cbl\_N2, Cbl\_N3; TM=M; SS=N; 5.07  
 436746; AJ885815; Hs.184727; Human melanoma-associated antigen p97 (m; transferrin, Guanylate\_kin, PDZ, SH3; 5.07  
 448520; AB020367; Hs.21355; doublecortin and CaM kinase-like 1; pkinase, DCX; TM=M; SS=N; 5.06  
 413745; AW247252; Hs.75514; nucleoside phosphorylase; Mtap\_PNP; 5.06  
 407235; D20559; Hs.169407; SAC2 (suppressor of actin mutations 2; y; none, Ribosomal\_S13, Galactosyl\_T, Zip, adh\_short, zf-C3HC4; 5.05  
 421369; NM\_005089; Hs.171909; U2 small nuclear ribonucleoprotein exul; mm, zf-CCCH, lectin\_c, integrin\_B; TM=M; SS=N; 5.06  
 412170; D16532; Hs.73729; very low density lipoprotein receptor; ldl\_recept\_e, ldl\_recept\_b, EGF; TM=M; SS=M; 5.06  
 442599; AF078037; Hs.234051; RelA-associated inhibitor; SH3, ank; TM=M; SS=N; 5.05  
 421109; L32832; Hs.101842; AT-binding transcription factor 1; HMG14\_17, homeobox, zf-C2H2; TM=M; SS=M; 5.05  
 453880; AI803166; Hs.435123; ESTs; Weakly similar to 138022 hypothetical; HSP70, none; 5.05  
 431512; BE270734; Hs.2795; lactate dehydrogenase A; ldh, ldh\_C, SH3, pkinase, UBA; TM=M; SS=N; 5.05  
 435411; AW444619; Hs.138211; ESTs; none, pkinase; 5.04  
 419088; AI538323; Hs.367688; Integrin, beta 8; integrin\_B, none; 5.04  
 425003; AF119046; Hs.154149; apurinic/apyrimidinic endonuclease/APEX; Troponin, Exo\_endo\_phos, IQ; TM=M; SS=N; 5.04  
 428376; AF119656; Hs.184011; pyrophosphatase (inorganic); Pyrophosphatase; TM=M; SS=N; 5.03  
 413073; AL038165; Hs.75187; translocase of outer mitochondrial membr; MAS20, zf-A20, VPS9; TM=M; SS=M; 5.03  
 438415; BE265254; Hs.343258; proliferation-associated 2G4, 38kD; Peptidase\_M24, Furin-like, pkinase, Recep\_L\_domain, ehand; 5.01  
 449674; AW444937; Hs.233482; ESTs; C2, PI-PLC-Y, PI-PLC-X, none; 5.01  
 445333; BE537641; Hs.44278; hypothetical protein FLJ12538 similar to; ras, arf, TK; 5.01  
 412133; U83460; Hs.104557; solute carrier family 31 (copper transp; none; TM=Y; SS=N; 5.01  
 446488; AB037782; Hs.15119; KIAA1361 protein; pkinase; 5.00  
 449474; AA019344; Hs.2055; ubiquitin-activating enzyme E1 (A1S8T an; ThF, UBACT, pkinase, UCH-2, UCH-1, mm, zf-C2H2, zf-RanBP, G-patch; 5.00  
 416365; U15131; Hs.79265; suppression of tumorigenicity 5; DENN, dDENN, vDENN; TM=M; SS=N; 5.00  
 421351; AU076967; Hs.103755; receptor-interacting serine-threonine kd; CARD, pkinase; TM=M; SS=N; 4.99  
 413219; AA878200; Hs.118727; Homo sapiens cDNA FLJ13692 fls, clone PL; HLH, death, TNFR\_c8, Acyl-CoA\_hydro; 4.98  
 442007; AA301116; Hs.142838; nucleolar phosphoprotein Nopp34; mm, IRK; 4.95  
 441085; AW138551; Hs.181245; Homo sapiens cDNA FLJ12532 fa, clone NT; none, none; 4.95  
 426310; NM\_000809; Hs.169268; neuropilin-2 Y receptor Y1; 7tm\_1; TM=Y; SS=M; 4.95  
 457718; F18572; Hs.22978; ESTs; Weakly similar to ALU4\_HUMAN ALU S; pkinase, pkinase; 4.94  
 408805; H69912; Hs.48269; vaccinia related kinase 1; pkinase; TM=M; SS=N; 4.94  
 427541; AI798983; Hs.375835; solute carrier family 35 (CMP-saltic aci; none, none; 4.94  
 452792; AB037765; Hs.30652; KIAA1344 protein; thiorad; TM=M; SS=M; 4.93  
 430713; AA351647; Hs.2642; eukaryotic translation elongation factor; GTP\_EFTU, GTP\_EFTU\_D3, GTP\_EFTU\_D2; 4.93  
 444838; AV651680; Hs.208558; ESTs; integrin\_A, FG-GAP, none; 4.93  
 440516; S42303; Hs.161; cadherin 2, type 1, N-cadherin (neuronal; HNH, cadherin, Cadherin\_C\_term; TM=M; SS=N; 4.92  
 421302; T34482; Hs.103291; neuritin; none; TM=M; SS=Y; 4.91  
 452291; AF015592; Hs.28853; CDC7 (cell division cycle 7, S. cerevisia; pkinase; TM=M; SS=N; 4.91  
 408657; AA782601; Hs.378649; ESTs; B56, none; 4.91  
 439750; AL359053; Hs.57664; Homo sapiens mRNA full length insert cDN; IMPDH\_C, IMPDH\_N, CBS, integrin\_B, Rfc1n\_B, lectin; 4.91  
 421462; AF018495; Hs.104624; aquaporin 9; MIP; TM=Y; SS=M; 4.90  
 424503; NM\_002025; Hs.149609; integrin, alpha 5 (fibronectin receptor; integrin\_A, FG-GAP; TM=Y; SS=N; 4.89



- 438564; AA391553; Hs.198253; major histocompatibility complex, class I; IgMHC\_II\_alpha;none; 4.89
- 427640; AF058293; Hs.180015; D-dopachrome tautomerase; COX8,SHMT,MIF,GST\_C,EF1G domain,GST\_N,S1,Fz,Frizzled,calreticulin,7tm\_2,rm,PAP\_assoc;TM=Y;SS=M; 4.88
- 434521; NM\_002267; Hs.3886; karyopherin alpha 3 (importin alpha 4); Armadillo\_seg,IBS;TM=M;SS=N; 4.88
- 414821; M63835; Hs.77424; Fo fragment of IgG, high affinity Ia, re; Ig;TM=Y;SS=M; 4.88
- 424118; BE269041; Hs.140452; cargo selection protein (mannose 6 phospho periplin); 4.88
- 410639; BE269047; Hs.65234; hypothetical protein FLJ20596; DEAD,helicase\_C,PRK,AIP3;TM=M;SS=N; 4.87
- 417089; H52280; Hs.18612; Homo sapiens cDNA: FLJ21909 fis, clone H; voltage\_CLC,CBS;none; 4.86
- 429303; AW137635; Hs.44238; ESTs, Weakly similar to S65657 alpha-1C; Phosphodiesterase,Endonuclease,none; 4.86
- 417666; A1345001; Hs.82380; menage a trois 1 (CAK assembly factor); z-C3HC4;TM=M;SS=N; 4.86
- 453884; AW021407; Hs.21068; hypothetical protein; none,none; 4.86
- 453082; H18835; Hs.31608; hypothetical protein FLJ20041; ion\_trans;TM=Y;SS=M; 4.85
- 413407; A1366293; Hs.75339; Inositol polyphosphate phosphatase-like; SH2,SAM,Exo\_endo\_phos; 4.85
- 417866; AW067903; Hs.82772; collagen, type XI, alpha 1; Collagen,COL1,TSPN,laminin\_G,CorA; 4.85
- 435652; N32388; Hs.334370; uncharacterized hypothalamus protein HBE; none;TM=M;SS=N; 4.84
- 419355; AA428520; Hs.90061; progesterone binding protein; hema\_1;TM=Y;SS=M; 4.83
- 431441; U81801; Hs.2794; sodium channel, nonvoltage-gated 1 alpha; ASC;TM=Y;SS=N; 4.83
- 408993; NM\_000492; Hs.663; cystic fibrosis transmembrane conductance; ABC\_tran,ABC\_membrane,PRK,Bac\_export\_3;TM=Y;SS=N; 4.83
- 425466; L18954; Hs.1804; protein kinase C, iota; pk\_nase,DAG\_PE-bind,pkinase\_C,OPR;TM=M;SS=N; 4.82
- 435232; NM\_001262; Hs.4854; cyclin-dependent kinase inhibitor 2C (p1); ank;TM=M;SS=N; 4.81
- 424490; AJ278016; Hs.55565; ankryrin repeat domain 3; ank,pkinase;TM=M;SS=N; 4.81
- 425743; BE396495; Hs.159428; BCL2-associated X protein; Bcl-2;TM=Y;SS=N; 4.81
- 453354; W65946; Hs.234863; Homo sapiens cDNA FLJ12082 fis, clone HE; transmembrane4,none; 4.81
- 450883; NM\_001348; Hs.25519; death-associated protein kinase 3; pkinase;TM=M;SS=N; 4.79
- 428736; AF125304; Hs.212680; tumor necrosis factor receptor superfamily; TNFR\_c6;TM=M;SS=M; 4.79
- 431183; NM\_006855; Hs.250696; KDEL (Lys-Asp-Glu-Leu) endoplasmic retic; ER\_lumen\_recept;TM=N;SS=M; 4.79
- 409960; BE261944; Hs.355264; hexokinase 1; none,none; 4.78
- 422795; AB033109; Hs.375610; KIAA1283 protein; 7tm\_1,kazal,A2M,A2M\_N;TM=Y;SS=M; 4.78
- 423619; T48691; Hs.249159; adrenergic, alpha-2A-, receptor; 7tm\_1,7tm\_2;TM=Y;SS=M; 4.78
- 428305; AF095727; Hs.287832; myelin protein zero-like 1; Ig,transmembrane4;TM=Y;SS=M; 4.78
- 427700; AA282294; Hs.180383; dual specificity phosphatase 6; Rhodanese,DSP;TM=M;SS=N; 4.77
- 447343; AA256841; Hs.236894; ESTs, Highly similar to S02392 alpha-2-m; none,none; 4.76
- 444672; Z95636; Hs.11889; laminin, alpha 5; laminin\_EGF,laminin\_G,EGF,TNFR\_c6,laminin\_B,laminin\_Nterm,metallo, Tropomyosin, DUF164,p450;TM=M;SS=N; 4.76
- 407722; BE252241; Hs.38041; pyridoxal (pyridoxine, vitamin B6) kinase; ptk8;TM=M;SS=N; 4.75
- 438330; AW450572; Hs.257316; ESTs; pkinase,zf-C4,ERM,CNH;none; 4.75
- 410687; U24389; Hs.66436; lysyl oxidase-like 1; Lysyl\_oxidase; 4.75
- 411165; NM\_000169; Hs.69089; galactosidase, alpha; Maltinase; 4.75
- 425548; AA890023; Hs.1906; prolactin receptor; fn3;TM=Y;SS=M; 4.73
- 434158; T66534; Hs.14372; ESTs; adenylatekinase,none; 4.73
- 459035; AW291109; Hs.332553; ESTs, Weakly similar to T31611 hypothetical; none,SH3,myosin\_head,IQ; 4.73
- 409012; AL117435; Hs.49726; DKFZP434I216 protein; PH,RhoGEF;TM=M;SS=M; 4.73
- 434503; T96231; Hs.17762; ESTs; SH3,Sorb;none; 4.73
- 446342; BE298665; Hs.14846; solute carrier family 7 (cationic amino; none;TM=M;SS=N; 4.72
- 427418; AA402587; Hs.356667; LAT1-3TM protein; none,none; 4.71
- 449433; A1872096; Hs.9012; ESTs, Weakly similar to S28650 DNA-bind; Frizzled,Fz,Frizzled,Fz; 4.71
- 418910; Z25821; Hs.89466; Homo sapiens, Similar to dodecenoyl-Coen; ECH; 4.70
- 414907; X90725; Hs.77597; polo (Drosophila)-like kinase; Ribosomal\_L37aa,pkinase,POLO\_box,IRNA-syn1,1b,dynamin,dynamin\_2,GED,bZIP,M; 4.70
- 442198; BE277633; Hs.372542; elopside-induced mRNA; none;TM=Y;SS=M; 4.69
- 418870; AF147204; Hs.69414; chemokine (C-X-C motif), receptor 4 (fus; 7tm\_1,7tm\_2,2TM=Y;SS=M; 4.69
- 453922; AF053306; Hs.36708; budding uninhibited by benzimidazoles 1; none; 4.69
- 418558; AW082266; Hs.86131; Fas (TNFRSF6)-associated via death domain; death,DED; 4.68
- 434164; AW207019; Hs.148135; serine/threonine kinase 33; pkinase;TM=M;SS=N; 4.68
- 443323; BE560621; Hs.9222; estrogen receptor binding site associate; none;TM=M;SS=M; 4.68
- 400288; X06256; Hs.14908; integrin, alpha 5 (fibronectin receptor); Integrin\_A,FG-GAP;TM=Y;SS=N; 4.68
- 418838; AW395224; Hs.35198; ectonucleotide pyrophosphatase/phosphodiesterase; Phosphodiester;TM=Y;SS=M; 4.67
- 417428; NM\_002291; Hs.82124; laminin, beta 1; laminin\_EGF,laminin\_Nterm,Integrin\_B; 4.67
- 425976; C75094; Hs.334514; NG22 protein; voltage\_CLC;TM=Y;SS=M; 4.66
- 407844; AW073718; Hs.8037; ESTs; transmembrane4,none; 4.66
- 450856; AA010538; Hs.18912; unnamed protein product; zf-C2H2; 4.66
- 420311; AW445044; Hs.38207; Human DNA sequence from clone RP4-53015; none,none; 4.65
- 404287; ; FGENESH predicted novel CUB-domain contig; none,none; 4.64
- 452747; BE153855; Hs.81460; Ig superfamily receptor LNIR; Ig,Rhabd\_glycop;TM=Y;SS=M; 4.63
- 426580; AA320160; Hs.17181 f; adenylate kinase 2; adenylatekinase;TM=M;SS=N; 4.63
- 430397; A1924533; Hs.105807; bicarbonate transporter related protein; HCO3\_cotransp;TM=Y;SS=N; 4.63
- 447658; NM\_003726; Hs.19126; src kinase-associated phosphoprotein of; SH3,PH;TM=M;SS=N; 4.63
- 414271; AK000275; Hs.75871; protein kinase C binding protein 1; bromodomain,PHD,PWWP,zf-MYND;TM=M;SS=N; 4.62
- 429126; AW172366; Hs.99083; ESTs; 7tm\_1,none; 4.61
- 429150; AF120103; Hs.197368; smoothened (Drosophila) homolog; COXB,SHMT,MIF,GST\_C,EF1G domain,GST\_N,S1,Fz,Frizzled,calreticulin,7tm\_2,rm,PAP\_assoc;TM=Y;SS=M; 4.60
- 409220; BE243323; Hs.51233; tumor necrosis factor receptor superfamily; TNFR\_c6,death,Lipoprotein\_5,TIL;TM=Y;SS=M; 4.60
- 421921; H83363; Hs.355993; translocase of inner mitochondrial membr; zf-Tim10\_DDP,ethand,CH,spectrin,serpin;TM=M;SS=N; 4.60
- 426083; Y09397; Hs.227817; BCL2-related protein A1; Bcl-2;TM=M;SS=N; 4.59
- 400290; H18836; Hs.31608; hypothetical protein FLJ20041; none,Cys\_knot; 4.59
- 430379; AF134149; Hs.240395; potassium channel, subfamily K, member 6; ion\_trans;TM=Y;SS=M; 4.59
- 409845; A1142265; Hs.55498; geranylgeranyl diphosphate synthase 1; polyprenyl\_synth;TM=M;SS=N; 4.59
- 427373; AB007972; Hs.130760; myosin phosphatase, target subunit 2; ank;TM=M;SS=N; 4.58
- 437212; A1765021; Hs.210775; ESTs; UDPGT,none; 4.58
- 430396; D49742; Hs.241363; hyaluronan-binding protein 2; ank,death,ZU5,EGF,kringle,lysozin,Nebulin,LIM; 4.57
- 452069; AB028849; Hs.183994; KIAA1026 protein; Metallophos;TM=M;SS=N; 4.56
- 416041; AA345647; Hs.53263; hypothetical protein FLJ13287; WD40; 4.55
- 434511; R28982; Hs.18106; ESTs; pkinase,Glyco\_hydro\_39; 4.55
- 410174; AA305007; Hs.69461; DKFZP434C245 protein; none,DSP; 4.55
- 418758; AW959311; Hs.172012; hypothetical protein DKFZP434J037; pkinase,RIO1;TM=M;SS=N; 4.55
- 451367; AA923729; Hs.26322; cell cycle related kinase; pkinase;TM=M;SS=N; 4.54



- 417433; BE270266; Hs.82128; ST4 oncofetal trophoblast glycoprotein; LRR,LRRNT,LRRCT;TM=Y;SS=M; 4.54
- 411296; BE207307; Hs.10114; growth suppressor 1; ZOG-Fall\_Oxy;TM=M;SS=M; 4.53
- 439973; AW328081; Hs.6817; Inosine triphosphatase (nucleoside triph); Ham1p\_like;TM=M;SS=N; 4.53
- 431992; NM\_002742; Hs.2891; protein kinase C, mu; pkinase,DAG\_PE-Bind,PH;TM=M;SS=M; 4.53
- 443303; U67319; Hs.9216; caspase 7, apoptosis-related cysteine pr; pkinase,ICE\_p10,ICE\_p20;TM=M;SS=M; 4.53
- 428005; AW302245; Hs.181390; casein kinase 1, gamma 2; pkinase;TM=M;SS=N; 4.52
- 407775; NM\_004914; Hs.38772; RAB36, member RAS oncogene family; ras,art;TM=M;SS=N; 4.52
- 435523; T62849; Hs.11090; membrane-spanning 4-domains, subfamily A; none;TM=Y;SS=M; 4.51
- 447321; AW271217; Hs.281434; Homo sapiens cDNA FLJ14028 fis, clone HE; none,none; 4.51
- 405484; ; C3002124; gi|12737280|ref|XP\_005682.2| k; none; 4.50
- 443605; H06865; Hs.134131; ESTs; ehand,ion\_trans,none; 4.50
- 431738; AW237726; Hs.288549; hypothetical protein FLJ14710; 7tm\_1,zf-C3HC4,fn3,SPRY,KRAB,zf-C2H2,rve,zf-B\_box;TM=Y;SS=M; 4.50
- 422112; BE540240; Hs.111783; Lsm1 protein; Sm,BAG; 4.49
- 418869; AW516565; ; gb|xq01d05.x1 Soares\_NHCCc\_cervical\_tumor; none,RasGAP,WW,IQ; 4.48
- 447899; AW569638; Hs.112318; 6.2 kd protein; none,none; 4.48
- 450607; AL050373; Hs.25213; hypothetical protein; SH3;TM=M;SS=N; 4.48
- 418916; X07871; Hs.89476; CD2 antigen (p50), sheep red blood cell; ig;TM=Y;SS=M; 4.48
- 424823; NM\_008226; Hs.153322; phospholipase C, epsilon; C2,PH,PI-PLC-Y,PI-PLC-X;TM=M;SS=N; 4.48
- 426812; AF105365; Hs.172613; solute carrier family 12 (potassium/chlor; none;TM=Y;SS=N; 4.47
- 439237; AW408158; Hs.318893; ESTs, Weakly similar to A47582 B-cell gr; Furin-like,kinase,Recep\_L\_domain,YLP,none; 4.47
- 435615; Y15086; Hs.4975; potassium voltage-gated channel, KQT-like; ion\_trans,KCNQ1\_channel;TM=Y;SS=N; 4.47
- 427557; NM\_002859; Hs.179657; plasminogen activator, urokinase receptor; UPAR\_LY6,ET,PLA2\_inh; 4.47
- 428727; AF078847; Hs.78452; general transcription factor IIH, polype; PHO4,UM;TM=M;SS=N; 4.46
- 412760; AW379030; Hs.41324; ESTs; Cbl\_N,Cbl\_N2,Cbl\_N3,UBA,zf-C3HC4,none; 4.46
- 409093; BE243834; Hs.50441; CGI-04 protein; Ribosomal\_L37aa,kinase,POLO\_box,tRNA-synth,1b,dynamin,dynamin\_2,GED,bZIP,M; 4.46
- 434375; BE277910; Hs.3833; 3-phosphoadenosine 5'-phosphosulfate sy; APS\_kinase,ATP-sulfurylase,PRK,Thymidylate\_kin; 4.46
- 447434; R16890; Hs.137135; ESTs; pkinase,fn3,lg,kinase,fn3; 4.45
- 422010; AA302049; Hs.31181; Homo sapiens cDNA: FLJ23230 fis, clone C; none,SDF,sugar\_jr; 4.45
- 414108; AL267592; Hs.75761; SFRR protein kinase 1; ank,PH,Oxysterol\_BP,kinase;TM=M;SS=N; 4.44
- 457001; J03256; Hs.20652; vitamin D (1,25- dihydroxyvitamin D3) rec; hormone\_rec,zf-C4,Metallothio\_5;TM=M;SS=N; 4.44
- 409886; AK000002; Hs.55879; Homo sapiens mRNA; cDNA DKFZp434L0827 (t; ABC\_tran,ABC\_membrane;TM=M;SS=M; 4.44
- 408113; T62427; Hs.194101; Homo sapiens cDNA: FLJ20869 fis, clone A; 7tm\_3,none; 4.44
- 436823; AW748865; Hs.117077; ESTs, Weakly similar to I36022 hypotheti; aa\_permeases,zf-C2H2,KRAB,pyridoxal\_deC,bromodomain,PHD,MBD,AT\_hoek,DDT,PI3\_P4\_kinase,FAT,FATC,BclA,RUN,TFIS;TM=M;SS=N; 4.44
- 450505; NM\_004572; Hs.25051; plakophilin 2; Armadillo\_seg;TM=M;SS=N; 4.43
- 437915; A1637993; Hs.202312; Homo sapiens clone N11 Ntera2D1 tarotoca; none,none; 4.43
- 417412; X16898; Hs.82112; Interleukin 1 receptor, type I; ig,TIR;TM=M;SS=M; 4.43
- 445033; AV652402; Hs.72901; cyclin-dependent kinase inhibitor 2B (p1; ank; 4.43
- 411027; AF072096; Hs.67846; leukocyte immunoglobulin-like receptor; ; Inositol\_P,ig;TM=M;SS=N; 4.43
- 452124; AA454220; Hs.61170; ESTs; pkinase,none; 4.43
- 422599; BE387202; Hs.118638; non-metastatic cells 1, protein (NM23A); ; NDK,PH,Oxysterol\_BP; 4.42
- 416202; AW964492; Hs.169624; ESTs; none;TM=M;SS=N; 4.42
- 441518; AW161697; Hs.294150; ESTs; Y\_phosphatase,DSPc,none; 4.42
- 441680; AW444596; Hs.7940; RAP1, GTP-GDP dissociation stimulator 1; Armadillo\_seg;TM=M;SS=N; 4.42
- 431429; AF072813; Hs.252831; reticulon 3; Reticulon,Fz,lg,kringle,pkinase;TM=Y;SS=N; 4.42
- 453870; AW385001; Hs.8042; Homo sapiens cDNA: FLJ23173 fis, clone L; FG-GAP,integrin\_A,NIF; 4.41
- 421242; AW161386; Hs.13561; hypothetical protein MGC4692; none;NA;NA; 4.41
- 456362; AW973003; Hs.179909; hypothetical protein FLJ22995; none;TM=M;SS=N; 4.41
- 419073; AW372170; Hs.183918; Homo sapiens cDNA FLJ12797 fis, clone NT; death,ZUS; 4.41
- 432211; BE274630; Hs.273333; hypothetical protein FLJ10986; FGGY\_C;TM=M;SS=N; 4.41
- 413367; NM\_006617; Hs.75317; solute carrier family 16 (monocarboxylic; sugar\_tr;TM=Y;SS=N; 4.41
- 458097; AW341135; Hs.58104; ESTs; none,SH3,PD; 4.40
- 458240; BE407375; Hs.108082; ESTs, Weakly similar to T31636 hypotheti; C1q,Collagen;TM=M;SS=Y; 4.40
- 427681; AB018263; Hs.284232; tumor necrosis factor receptor superant; death,TNFR\_c6,PH,Xink,RhoGEF,Metallothio\_5;TM=M;SS=M; 4.40
- 443693; AJ344782; Hs.9683; Dnal (Hsp40) homolog, subfamily C, member; mm,Dnal,TFR;TM=M;SS=N; 4.40
- 437162; AW005505; Hs.5464; thyroid hormone receptor coactivating pr; bromodomain;TM=M;SS=N; 4.39
- 453891; AB037751; Hs.301242; Homo sapiens mRNA full length insert cDN; none,none; 4.39
- 442572; AI001922; Hs.135124; hypothetical protein FLJ22415; none,HSP70; 4.39
- 427337; Z46223; Hs.176663; Fc fragment of IgG, low affinity IIb, r; ig;TM=Y;SS=M; 4.37
- 445817; NM\_003842; Hs.13340; histone acetyltransferase 1; none;TM=M;SS=N; 4.37
- 444895; AI874383; Hs.22891; solute carrier family 7 (cationic amino; ASC,death,TNFR\_c5; 4.37
- 408812; AB011084; Hs.48924; KIAA0512 gene product; ALEX2; Armadillo\_seg;TM=M;SS=M; 4.37
- 432106; NS5823; Hs.269098; ESTs, Weakly similar to RETROVIRUS-RELAT; SH3,PDZ,Guanlylate\_kin,none; 4.37
- 418283; S79895; Hs.83942; cathepsin K (pycnodysostosis); Peptidase\_C1; 4.37
- 445826; BE313754; Hs.13350; Homo sapiens mRNA; cDNA DKFZp586D0918 (f; ig,isp\_1,ZUS,Nucleoside\_tran; 4.37
- 417874; BE616160; Hs.82829; protein tyrosine phosphatase, non-recept; Y\_phosphatase;TM=Y;SS=N; 4.36
- 400257; ; Hs.76366; ENSP0000000452:BAD protein (BCL-2 bindi; none;TM=M;SS=N; 4.36
- 431476; BE612705; Hs.256697; Histidine triad nucleotide-binding prote; HIT; 4.36
- 416178; AI808527; Hs.192822; serologically defined breast cancer an; none;TM=M;SS=N; 4.36
- 456629; AW891965; Hs.387942; histone deacetylase 3; HSP90,HATPase\_c,zf-C2H2,PHD,none; 4.36
- 427716; L38951; Hs.180446; karyopherin (importin) beta 1; Armadillo\_seg,HEAT;TM=M;SS=N; 4.35
- 425843; BE313280; Hs.159527; death associated protein 3; myb\_DNA-binding,PAH,BAH,bromodomain,PHD,SET;TM=M;SS=N; 4.35
- 420261; AW205093; Hs.748; fibroblast growth factor receptor 1 (fm; pkinase,lg,kinase,lg,p450,SET,PWWP; 4.35
- 445826; AF054284; Hs.334826; splicing factor 3b, subunit 1, 155kd; none;TM=M;SS=N; 4.35
- 410726; AI823859; Hs.15936; ESTs; pkinase,pro\_isomerase,none; 4.35
- 433899; AW135357; Hs.192374; ESTs; HSP90,HATPase\_c,UDG; 4.34
- 433592; NM\_004642; Hs.3436; deleted in oral cancer (mouse, homolog); ; none;TM=M;SS=N; 4.34
- 437103; AW139408; Hs.152940; ESTs; Choline\_kinase,none; 4.34
- 410068; AI633888; Hs.58435; FYN-binding protein (FYN-120130); SH3;TM=M;SS=N; 4.34
- 427349; AA360154; Hs.177415; Finkel-Biskis-Reilly murine sarcoma viru; ubiquitin;TM=M;SS=N; 4.33
- 439807; AA376417; Hs.374608; hypothetical protein MGC5244; ; abhydrolase\_2;TM=M;SS=M; 4.33
- 453308; AW959731; Hs.323099; ESTs; none,pkinase,Activin\_reap; 4.33
- 424893; AW295112; Hs.153548; Homo sapiens cDNA FLJ13303 fis, clone OV; SAM; 4.33

- 444664; N26362; Hs.11615; map kinase phosphatase-like protein MK-S; DSPc; TM=M; SS=N; 4.33  
 429555; U48959; Hs.211582; myosin, light polypeptide kinase; pkinase, fn3, ig, none; 4.32  
 409121; AA022266; Hs.78979; Golgi apparatus protein 1; cys\_rich\_FGFR, none; 4.32  
 430280; AA361268; Hs.237868; interleukin 7 receptor; fn3, none; 4.32  
 423798; AF047033; Hs.132904; solute carrier family 4, sodium bicarbon; HCO3\_cotransp; TM=Y; SS=M; 4.29  
 425554; AB033022; Hs.158654; KIAA1196 protein; zf-C2H2; TM=M; SS=N; 4.29  
 457500; NM\_002759; Hs.274382; protein kinase, interferon-inducible dou; dsrm, pkinase; TM=M; SS=N; 4.29  
 427127; AW802282; Hs.22265; pyruvate dehydrogenase phosphatase; PP2C, none; 4.29  
 447191; NM\_014521; Hs.17667; SH3-domain binding protein 4; SH3; TM=M; SS=N; 4.29  
 408331; NM\_007240; Hs.44229; dual specificity phosphatase 12; DSPc; TM=M; SS=N; 4.29  
 441130; A1160734; Hs.267604; Homo sapiens PNAS-129 mRNA, complete cds; BTB, Kelch, K\_1etra, DSPc; TM=M; SS=N; 4.28  
 430057; AW450303; Hs.2534; bone morphogenetic protein receptor, type 1; Activin\_rec, pkinase; TM=Y; SS=M; 4.28  
 430250; NM\_016929; Hs.283021; chloride intracellular channel 5; none; TM=M; SS=N; 4.28  
 406774; AW518353; Hs.177592; ribosomal protein, large, P1; 60s\_ribosomal; 4.28  
 413609; L25951; Hs.851; integrin, alpha E (antigen CD103, human); vwa, Integrin\_A, FG-GAP; TM=M; SS=Y; 4.27  
 443960; A093577; Hs.255416; hypothetical protein FLJ21988; TTL; TM=M; SS=N; 4.27  
 427378; BE515037; Hs.177556; melanoma antigen, family D, 1; MAGE; TM=M; SS=N; 4.27  
 412204; A1125507; Hs.24937; ESTs; lg, mm, none; 4.26  
 439506; A1361238; Hs.41136; ESTs; MAM, pkinase, Nucleoplasmin, none; 4.26  
 451295; A1557212; Hs.17132; ESTs; Moderately similar to I54374 gene; pkinase, DAG\_PE-bind, pkinase\_C, OPR, none; 4.26  
 452488; N74921; Hs.184388; ESTs; none; TM=M; SS=N; 4.26  
 450973; AF012072; Hs.25732; eukaryotic translation initiation factor; W2, MA3, MIF4G; TM=M; SS=N; 4.26  
 452437; AA026237; Hs.181272; ESTs; ehand, ion\_trans, none; 4.26  
 438204; A1588645; Hs.128690; ESTs; none; 7tm\_1; 4.25  
 424756; AW504657; Hs.152931; lamin B receptor; ERG4\_ERG24, FKBP; TM=Y; SS=N; 4.25  
 430570; A1417881; Hs.282464; ESTs; 7tm\_2, Fz, Fizzled, none; 4.25  
 445709; H02592; Hs.74280; ESTs; PDZ, none; 4.25  
 428134; AA421773; Hs.161008; ESTs; Armadillo\_seg, none; 4.24  
 434149; Z43829; Hs.244624; hypothetical protein MGC5469; none; TM=M; SS=M; 4.24  
 425118; A1076811; Hs.154672; methylene tetrahydrofolate dehydrogenase; myb\_DNA-binding, THF\_DHG\_CYH, THF\_DHG\_CYH\_C, CAP\_GLY, AAA, LON, Peptidase\_C8, bZIP, M\_xan, ur\_permease, HCO3\_cotransp; TM=M; SS=N; 4.24  
 433376; A1249361; Hs.74122; caspase 4, apoptosis-related cysteine pr; CARD, ICE\_p10, ICE\_p20; 4.24  
 447818; W79940; Hs.355279; Homo sapiens clone 24670 mRNA sequence; none, pkinase; 4.24  
 450584; AA827605; Hs.25333; interleukin 1 receptor, type II; lg; TM=Y; SS=M; 4.23  
 435542; AA687376; Hs.351228; ESTs; SH3, pkinase, PH, spectrin, Rho GEF, none; 4.23  
 426224; BE085860; Hs.374468; karyopherin (importin) beta 2; Armadillo\_seg, HEAT; TM=M; SS=N; 4.23  
 413284; AU077055; Hs.289107; baculoviral IAP repeat-containing 2; zf-C3HC4, CARD, BIR, death, lg; TM=M; SS=N; 4.22  
 421817; AB028943; Hs.109445; KIAA1020 protein; BTB, zf-C2H2, P13\_P14\_kinase, P13ka; TM=M; SS=N; 4.22  
 431239; AL039971; Hs.251218; hypothetical protein DKFZp434A198; SH2, ank, WH2; 4.22  
 419685; W76083; Hs.134185; ESTs; none; TM=M; SS=N; 4.22  
 431630; NM\_002204; Hs.265829; integrin, alpha 3 (antigen CD49C, alpha); FG-GAP, Rhabd\_glycop, integrin\_A; TM=Y; SS=M; 4.22  
 425177; AF127577; Hs.155017; nuclear receptor interacting protein 1; none; 4.21  
 422219; AW978073; Hs.1010; regulator of mitotic spindle assembly 1; pkinase, none; 4.21  
 450746; D82673; Hs.278589; general transcription factor II, epsilon; none, SH3, PX; 4.21  
 428023; AL038843; Hs.374530; Homo sapiens cDNA: FLJ23602 fis, clone L; aa\_permeases, pyridoxal\_deC, bromodomain, PHD, MBD, AT\_hook, DDT, P13\_P14\_kinase, FAT, FATC, BclA, RUN; TM=M; SS=N; 4.21  
 416907; W60909; ; gbzz129g10.s1 Soares\_fetal\_heart\_NbHH19W; ion\_trans, none; 4.21  
 411768; NM\_013371; Hs.71979; interleukin 19; IL10; 4.21  
 425262; D87119; Hs.155418; G83965 protein; pkinase; 4.21  
 430035; NM\_003463; Hs.227777; protein tyrosine phosphatase type IVA, mc Y\_phosphatase, DSPc; TM=M; SS=N; 4.21  
 411789; AF245505; Hs.72157; Adicary; lg, LRR, LRRNT, LRRCT; TM=M; SS=M; 4.15  
 416638; N32536; Hs.42845; solute carrier family 16 (monocarboxylic; none, none; 4.14  
 419452; U33835; Hs.90572; PTK7 protein tyrosine kinase 7; lg, pkinase; TM=Y; SS=M; 4.13  
 431745; AW872448; Hs.163425; Novel FGENESH predicted cadherin repeat; none, none; 4.10  
 416955; N26223; Hs.160436; MDAC1; none; NA, NA; 3.94  
 426890; AA393167; Hs.41294; ESTs; none, none; 3.88  
 442438; AA995998; Hs.370007; gbzoe26b03.s1 NCL\_CGAP\_Kid5 Homo sapiens; none, DNA\_pol\_B, DNA\_pol\_B\_exo; 3.86  
 412314; AA825247; Hs.356084; downstream of: G protein-coupled receptor; 7tm\_1; TM=Y; SS=M; 3.84  
 448243; AW368771; Hs.367688; Integrin, beta 8; integrin\_B, none; 3.64  
 439318; AW837046; Hs.6527; G protein-coupled receptor 56; 7tm\_2, Cyt\_asm, GPS; TM=Y; SS=M; 3.61  
 415993; AA172179; Hs.294029; ESTs; none, none; 3.60  
 429466; M65835; Hs.12827; ESTs; none, none; 3.45  
 407853; AA336797; Hs.40499; dickkopf (Xenopus laevis) homolog 1; none; TM=M; SS=Y; 3.34  
 400517; ; lenglis; none; TM=M; SS=N; 3.17  
 439180; A1393742; Hs.199067; v-erb-b2 avian erythroblastic leukemia v; Furin-like, pkinase, Recep\_L\_domain, Furin-like, pkinase, Recep\_L\_domain, Peptidase\_M24; 2.88  
 428158; NM\_001982; Hs.199067; v-erb-b2 avian erythroblastic leukemia v; Furin-like, pkinase, Recep\_L\_domain, Furin-like, pkinase, Recep\_L\_domain, Peptidase\_M24; 2.84  
 414521; D28124; Hs.76307; neuroblastoma, suppression of tumorigen; DAN; TM=M; SS=M; 2.81  
 424522; AL134847; Hs.149957; ribosomal protein S6 kinase, 90kD, polyp; pkinase, pkinase\_C; 2.70  
 438167; R28363; Hs.24286; chemokine binding protein 2 (CCBP2); mRNA; none; TM=Y; SS=M; 2.68  
 418888; AU076801; Hs.89436; cadherin 17, LI cadherin (liver-intestine; cadherin; TM=Y; SS=M; 2.17

TABLE 23B

75	Pkey:	Unique Eos probeset identifier number
	CAT number:	Gene cluster number
80	Accession:	Genbank accession numbers
	Pkey	CAT Number Accession
	409745	MH1944_5 B1030997 AA921874 AW188822 B1027862 A1347618 A1361453 A088754 AW207491 AA077391 BG012775 BG997382 AA286833 AA150722 B1007625 B1027854 B1009100 B1006275 B1006270 B1031000 B1029864 B1005277 B1007627 B1006266 B1006991 B1006990 B1007763 B1007762 BG997377 AA150780 B1033518 B1027818 B10015789 B1033807 AA341445
	417886	1031334_1 AA210987 D57294 AA214584 AA207008 D56572
	438993	2580163_1 A1926351 AA834879 AA828995

418869 12789\_14 AA229762 AA230035  
418907 1112245\_1 W60909 W61051 M78905 BG959483

TABLE 23C

**Key:** Unique number corresponding to an Eos probeset  
**Ref:** Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled "The DNA sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.  
**Strand:** Indicates DNA strand from which exons were predicted.  
**Nt\_position:** Indicates nucleotide positions of predicted exons.

Key	Ref	Strand	Nt_position
406400	9256298	Plus	1553-1712,1876-2140,4252-4385,5922-6077
403362	8571772	Plus	64089-64280
404210	5006246	Plus	169926-170121
404287	2326514	Plus	53134-53281
405484	5922025	Plus	199214-199579,199672-199920,200262-20049
400517	9796886	Minus	49596-50346

TABLE 24A: 571 GENES UP-REGULATED IN HEAD AND NECK TUMORS COMPARED WITH NORMAL BODY TISSUES

Table 24A lists about 571 genes up-regulated in head and neck tumors compared with normal body tissues. These genes were selected from 59680 probesets on the Eos/Affymetrix Hu03 Genechip array. Gene expression data for each probeset obtained from this analysis was expressed as average intensity (AI), a normalized value reflecting the relative level of mRNA expression.

**Key:** Unique Eos probeset identifier number  
**ExAccn:** Exemplar Accession number, Genbank accession number  
**UnigeneID:** Unigene number  
**Unigene Title:** Unigene gene title  
**R1:** 70th percentile of AI for head and neck cancer samples vs. the 80th percentile of the AI for normal body tissues

Key	ExAccn	UnigeneID	Unigene Title	R1
421155	H87879	Hs.102267	lysyl oxidase	166.00
452401	NM_007115	Hs.29352	tumor necrosis factor, alpha-induced pro	156.00
434377	AW137148	Hs.306593	Homo sapiens cDNA FLJ11382 fis, clone HE	80.00
438274	A1918906	Hs.55080	ESTs	28.00
401486				121.00
446999	AA151520	Hs.334822	hypothetical protein MGC4485	126.00
423887	AL080207	Hs.134585	DKFZP434G232 protein	13.00
419569	A1971651	Hs.91143	Jagged 1 (Alagille syndrome)	98.00
428505	AL035481	Hs.2281	chromogranin B (secretogranin 1)	1.00
420602	AF060877	Hs.99236	regulator of G-protein signalling 20	35.00
445019	AI205540	Hs.281295	ESTs	93.00
452281	T93500	Hs.28792	Homo sapiens cDNA FLJ11041 fis, clone PL	270.62
449722	BE280074	Hs.23950	cyclin B1	9.81
423575	C18663	Hs.163443	Homo sapiens cDNA FLJ11576 fis, clone HE	373.00
424086	AL361010	Hs.102267	lysyl oxidase	200.00
447078	AW885727	Hs.301570	ESTs	184.00
429597	NM_003816	Hs.2442	a disintegrin and metalloproteinase doma	177.00
409606	NM_006153	Hs.54589	NCK adaptor protein 1	170.00
426471	M22440	Hs.170009	transforming growth factor, alpha	158.00
413268	AL039079	Hs.75256	regulator of G-protein signalling 1	155.00
419948	AB041036	Hs.93847	NADPH oxidase 4	140.00
451807	W52854	Hs.27099	hypothetical protein FLJ23293 similar to	139.00
442875	BE823003	Hs.23625	Homo sapiens clone TOCCTA00142 mRNA sequ	111.00
452795	AW392553	Hs.18878	hypothetical protein FLJ21620	109.00
420931	AF044197	Hs.100431	small inducible cytokine B subfamily (Cy	106.00
416283	NM_005429	Hs.79141	vascular endothelial growth factor C	95.00
450221	AA328102	Hs.24641	cytoskeleton associated protein 2	92.00
449101	AA205847	Hs.23016	G protein-coupled receptor	92.00
442611	BE077155	Hs.177537	hypothetical protein DKFZp761B1514	86.00
438533	A1440268	Hs.170673	ESTs, Weakly similar to T24832 hypotheti	85.68
414132	A1801235	Hs.48480	ESTs	85.00
447164	AF028941	Hs.17518	Homo sapiens clg5 mRNA, partial sequence	83.00
402047	AK001921	Hs.169675	hypothetical protein MGC2550	80.00
414972	BE263782	Hs.77695	KIAA0008 gene product	74.00
452943	BE247449	Hs.31082	hypothetical protein FLJ10525	74.00
416661	AA634543	Hs.79440	IGF-II mRNA-binding protein 3	71.00
427099	AB032853	Hs.173560	odd Oz/ten-m homolog 2 (Drosophila, mous	70.19
449318	AW236021	Hs.78531	Homo sapiens, Similar to RIKEN cDNA 5730	66.25
418345	AJ001696	Hs.241407	serine (or cysteine) proteinase inhibitor	66.00
415076	NM_000857	Hs.77890	guanylate cyclase 1, soluble, beta 3	64.00
414142	AW368397	Hs.150042	Homo sapiens cDNA FLJ14438 fis, clone HE	63.00
432865	A1753709	Hs.152484	ESTs, Weakly similar to I38022 hypotheti	60.00
431808	M30703	Hs.270833	amphiregulin (schwannoma-derived growth	58.00
411750	BE562298	Hs.71827	KIAA0112 protein; homolog of yeast ribos	57.00
418612	AB037788	Hs.224961	cleavage and polyadenylation specific fa	57.00
438394	BE379623	Hs.27693	peptidylprolyl isomerase (cyclophilin)-t	54.00
452198	A1097550	Hs.61210	ESTs, Weakly similar to I38022 hypotheti	54.00
423020	AA363092	Hs.1608	replication protein A3 (14kd)	49.00

5	422426	W79117	Hs.58559	ESTs	49.00
	406747	A1925163	Hs.217493	annexin A2	46.00
	445828	F05802	Hs.81907	ESTs	46.00
	431806	AF186114	Hs.270737	tumor necrosis factor (ligand) superfamily	44.00
	452909	NM_015368	Hs.30985	pannexin 1	43.95
10	432226	AW182766	Hs.273558	phosphate cytidylyltransferase 1, cholin	43.00
	458027	L49054	Hs.85195	myeloid leukemia factor 1	43.00
	443354	AW970672	Hs.9247	protein kinase, AMP-activated, alpha 1 c	43.00
	416049	A1970536	Hs.16603	hypothetical protein FLJ13163	42.00
	431494	AA991355	Hs.298312	hypothetical protein DKFZp434A1315	40.00
15	433859	AW895758	Hs.273789	ESTs	38.00
	426753	T89632	Hs.170278	ESTs	37.00
	400792	AA635062	Hs.50094	Homo sapiens mRNA; cDNA DKFZp434O0515 (f	36.00
	402034				35.00
	424073	U03493	Hs.138959	gap junction protein, alpha 7, 45kD (con	34.00
20	458424	A1084049	Hs.205761	ESTs	34.00
	435159	AA688679	Hs.116649	ESTs	33.00
	408269	AA576953	Hs.22972	hypothetical protein FLJ13352	32.00
	444381	W78027	Hs.23920	hypothetical protein FLJ11105	31.00
	439128	A1949371	Hs.153089	ESTs	29.20
25	420795	AA323037	Hs.128645	sorting nexin 16	26.00
	422505	AL120862	Hs.124165	ESTs	25.00
	434828	D90070	Hs.96	phorbol-12-myristate-13-acetate-induced	24.00
	410561	BE540255	Hs.6994	Homo sapiens cDNA: FLJ22044 fis, clone H	22.10
	423035	AW449679	Hs.156739	Hsapiens XG mRNA (clone PEP11)	19.00
30	417655	AA780791	Hs.14014	hypothetical protein FLJ14813	19.00
	414869	AA157291	Hs.21479	ubimuclein 1	17.37
	453049	BE537217	Hs.30343	ESTs	16.00
	417801	AA417383	Hs.82582	Integrin, beta-like 1 (with EGF-like rep	14.00
	435243	AW292685	Hs.281373	hypothetical protein dJ434014.3	13.00
35	431211	M86849	Hs.323733	gap junction protein, beta 2, 26kD (conn	10.80
	407746	AK001862	Hs.38114	hypothetical protein FLJ11100	10.00
	416498	U33632	Hs.79351	potassium channel, subfamily K, member 1	8.60
	414231	A1468004	Hs.278956	hypothetical protein FLJ12929	9.00
	426227	U67058	Hs.169102	Human proteinase activated receptor-2 mR	8.09
40	439452	AA918317	Hs.57987	B-cell CLL/lymphoma 11B (zinc finger pro	8.07
	439999	AA115811	Hs.6838	ras homolog gene family, member E	8.07
	417791	AW665339	Hs.111471	ESTs	8.04
	438486	AA742221	Hs.120633	ESTs	7.23
	432731	R31178	Hs.287820	fibronectin 1	7.00
45	429903	AL134197	Hs.93597	cyclin-dependent kinase 5, regulatory su	6.18
	435039	AW043921	Hs.130526	ESTs	5.00
	419743	AW408762	Hs.5957	Homo sapiens clone 24416 mRNA sequence	4.25
	457001	J03258	Hs.2062	vitamin D (1,25-dihydroxyvitamin D3) re	4.24
	450684	AA872905	Hs.25333	interleukin 1 receptor, type II	3.74
50	422440	NM_004812	Hs.116724	aldo-keto reductase family 1, member B10	3.19
	458531	AA367718	Hs.159083	ESTs	3.00
	416065	BE267931	Hs.78996	proliferating cell nuclear antigen	2.53
	411388	X72925	Hs.69752	desmocollin 1	1.00
	419750	ALJ79741	Hs.183114	Homo sapiens cDNA FLJ14236 fis, clone NT	1.00
55	429370	C19097	Hs.89709	glutamate-cysteine ligase, modifier subu	1.00
	428921	AA526911	Hs.82772	collagen, type XI, alpha 1	1.00
	449467	AW205008	Hs.197042	ESTs	1.00
	453102	NM_007197	Hs.31684	frizzled (Drosophila) homolog 10	1.00
	453637	NM_002589	Hs.34073	BH-protocadherin (brain-heart)	1.00
60	400289	X07820	Hs.2258	matrix metalloproteinase 10 (stromelysin	517.00
	418007	M13509	Hs.83169	matrix metalloproteinase 1 (interstitial	616.00
	428356	BE440042	Hs.83326	matrix metalloproteinase 3 (stromelysin	226.00
	428227	AA321049	Hs.2248	small inducible cytokine subfamily B (Cy	278.00
	450375	AA009647	Hs.8850	a disintegrin and metalloproteinase doma	56.11
65	427585	D31152	Hs.179729	collagen, type X, alpha 1 (Schmid metaph	284.00
	424717	H03754	Hs.152213	wingless-type MMTV integration site fami	124.00
	424735	U31875	Hs.272499	short-chain alcohol dehydrogenase family	1.00
	420159	AI572490	Hs.99785	Homo sapiens cDNA: FLJ21245 fs, clone C	1.00
	415511	AT732617	Hs.182362	ESTs	1.00
70	406467				141.00
	422330	D30783	Hs.115263	epiregulin	98.00
	452461	N78223	Hs.108106	transcription factor	159.00
	415542	R13474	Hs.290263	ESTs, Weakly similar to I36022 hypothes	1.00
	413324	V00571	Hs.75294	corticotropin releasing hormone	1.00
75	431571	AW500488	Hs.180610	splicing factor proline/glutamine rich (	7.60
	443211	A128388	Hs.143855	ESTs	99.00
	451844	T61430		gb:yc06a03.s1 Stratagene lung (937210) H	1.00
	441877	AW273802	Hs.11340	hypothetical protein FLJ23047	3.00
	439926	AW014875	Hs.137007	ESTs	2.79
80	432015	AL157504	Hs.159115	Homo sapiens mRNA; cDNA DKFZp586O0724 (f	94.00
	421103	A1625835	Hs.27104	Homo sapiens mRNA; cDNA DKFZp667D226 (fr	1.22
	448062	AW295923	Hs.255472	KIAA1843 protein	1.00
	432222	AI204995		gb:an03c03.x1 Stratagene schizo brain S1	1.27
	421577	BE465451	Hs.105925	single-minded (Drosophila) homolog 1	1.00
85	421187	NM_014721	Hs.102471	KIAA0680 gene product	5.00
	408908	BE296227	Hs.250822	serine/threonine kinase 15	89.00
	437214	BE092336		gb:IL2-BT0734-240400-072-A12 BT0734 Homo	1.00

	449773	R76294	Hs.302383	ESTs	1.00
	443054	AJ745185	Hs.8939	yes-associated protein 65 kDa	90.00
	432097	X51730	Hs.2905	progesterone receptor	1.00
5	453216	AL137566	Hs.32405	Homo sapiens mRNA; cDNA DKFZp586G0321 (f	0.38
	430184	AB013802	Hs.234790	contactin 5	1.00
	432239	X81334	Hs.2836	matrix metalloproteinase 13 (collagenase	7.23
	415025	AW207091	Hs.72307	ESTs	1.00
	416575	W02414	Hs.38383	ESTs	1.00
10	443171	BE281128	Hs.9030	TONDU	0.92
	424834	AK001432	Hs.153408	Homo sapiens cDNA FLJ10570 fis, clone NT	20.30
	400844				0.60
	409402	AF208234	Hs.695	cystatin B (stefin B)	1.96
	412420	AL035668	Hs.73853	bone morphogenetic protein 2	1.38
15	435563	AF210317	Hs.95497	solute carrier family 2 (facilitated glu	2.60
	400751				1.34
	436361	AA825814	Hs.149065	ESTs	0.92
	455612	BE042896	Hs.274848	ESTs	0.81
	447437	U07225	Hs.339	purinergic receptor P2Y, G-protein coupl	1.55
20	404148				0.77
	431089	BE041395	Hs.283676	ESTs, Weakly similar to unknown protein	1.00
	446619	AJ076643	Hs.313	secreted phosphoprotein 1 (osteopontin,	6.47
	418858	U03272	Hs.79432	fibrillin 2 (congenital contractural ara	3.92
	442994	AJ026718	Hs.16954	ESTs	0.40
25	415327	H22769		gb:ym54602.r1 Soares infant brain 1N1B H	0.47
	418624	AJ734080	Hs.104211	ESTs	1.90
	452850	H23230	Hs.22481	ESTs, Moderately similar to A46010 X-link	0.54
	401747			Homo sapiens keratin 17 (KRT17),	7.22
	442432	BE093589	Hs.38178	hypothetical protein FLJ23468	5.10
30	418259	AA215404	Hs.137289	ESTs	1.28
	432374	W68815	Hs.301885	Homo sapiens cDNA FLJ11346 fis, clone PL	8.13
	403381				21.00
	420923	AF097021	Hs.273321	differentially expressed in hematopoiesi	0.00
	418216	AA652240	Hs.283099	AF15q14 protein	11.29
35	444649	AW207523	Hs.197628	ESTs	0.10
	407811	AW180802	Hs.40098	cysteine knot superfamily 1, BMP antagon	4.64
	402230				1.64
	412530	AA766268	Hs.266273	hypothetical protein FLJ13348	2.97
	447334	AA515032	Hs.91109	ESTs	0.62
40	432829	W60377	Hs.57772	ESTs	0.86
	418886	Z36830	Hs.87268	annexin A8	8.44
	421508	NM_004833	Hs.105115	absent in melanoma 2	2.68
	410553	AW016824	Hs.255527	hypothetical protein MGC14128	2.22
	419183	U60669	Hs.89653	cytochrome P450, subfamily X03V (vitamin	78.00
45	425721	AC002115	Hs.159309	uroplakin 1A	0.85
	420370	Y13645	Hs.97234	uroplakin 2	0.87
	417720	AA205625	Hs.208087	ESTs	5.83
	437852	BE001836	Hs.256897	ESTs, Weakly similar to dJ365O12.1 (H.s.a	1.07
	431753	X76029	Hs.2841	neuromedin U	7.00
50	402075				286.00
	423017	AW178761	Hs.227948	serine (or cysteine) proteinase inhibitor	363.00
	406887	M31126	Hs.272520	pregnancy specific beta-1-glycoprotein 9	4.81
	405054				1.00
	428664	AK001666	Hs.189096	similar to SALL1 (sal (Drosophila)-like	2.00
55	441233	AA972965	Hs.135568	ESTs	1.00
	456034	AW450979		gb:UH-H-BI3-ala-a-12-O-UI.s1 NCI_CGAP_Su	1.23
	414221	AW450979		gb:UH-H-BI3-ala-a-12-O-UI.s1 NCI_CGAP_Su	0.65
	412286	AW936233		gb:QVO-DT0020-090200-107-a06 DT0020 Homo	1.00
	405494				1.00
60	407189	AA598927		gb:ae37e03.s1 Gessler Wilms tumor Homo s	1.00
	403085				1.00
	408633	AW963372	Hs.46677	PRO2000 protein	2.46
	435257	AA677026	Hs.191217	ESTs	1.00
	410044	BE586742	Hs.58169	highly expressed in cancer, rich in lauc	1.00
65	445182	AW189787	Hs.147474	ESTs	0.50
	417275	X63578	Hs.295449	parvalbumin	1.00
	418406	X73501	Hs.84905	cytokeratin 20	1.00
	421110	AJ250717	Hs.1355	cathepsin E	1.00
	406081				2.13
70	449448	D60730	Hs.57471	ESTs	123.00
	451668	Z43948	Hs.326444	cartilage acidic protein 1	0.37
	408243	Y00787	Hs.624	interleukin 8	3.35
	436246	AW450963	Hs.119991	ESTs	51.00
	440304	BE159984	Hs.125395	ESTs	1.00
75	402778				1.00
	406117				1.00
	406360				71.00
	435347	AW014873	Hs.116953	ESTs	1.00
	445550	AJ242754	Hs.137306	ESTs	1.00
80	451369	H85334	Hs.336623	ESTs	1.00
	418559	Y07828	Hs.91096	ring finger protein	1.00
	429486	AF155827	Hs.203953	hypothetical protein FLJ10339	58.00
	425420	BE536811	Hs.234545	hypothetical protein NUF2R	1.00
	402901				0.85

5	414918	AI219207	Hs.72222	hypothetical protein FLJ13459	0.87
	417715	AW969587	Hs.86366	ESTs	5.12
	442577	AA29298	Hs.163900	ESTs	2.19
	418667	D31771	Hs.89404	msh (Drosophila) homeo box homolog 2	1.54
	426088	AF038007	Hs.166196	ATPase, Class I, type 8B, member 1	1.11
10	412610	X90908	Hs.74126	fatty acid binding protein 6, ileal (gas	1.27
	414683	S78296	Hs.76888	hypothetical protein MGC12702	0.67
	431322	AW970622		gb:EST382704 MAGE resequences, MAGK Homo	0.03
	403903				0.87
	405033				0.13
15	422282	AF019225	Hs.114309	apolipoprotein L	2.13
	425852	AK001504	Hs.159651	death receptor 6, TNF superfamily member	1.05
	414987	AA524394	Hs.294022	hypothetical protein FLJ14950	2.59
	430168	AW968343	Hs.24255	DKFZP43411735 protein	1.69
	459702	AJ204995			1.00
20	446082	AJ274139	Hs.156452	ESTs	0.60
	400843				0.76
	417409	BE272506	Hs.82109	syndecan 1	1.78
	439738	BE246502	Hs.9598	sema domain, immunoglobulin domain (Ig).	1.20
	437181	AJ306615	Hs.125343	ESTs, Weakly similar to KIAA0758 protein	0.50
25	404875				0.80
	436293	AI601188	Hs.120910	ESTs	1.40
	422809	AK001379	Hs.121028	hypothetical protein FLJ10549	3.03
	425983	AL137708	Hs.161031	Homo sapiens mRNA; cDNA DKFZp434K0322 (f	0.94
	404977			insulin-like growth factor 2 (somatomedi	0.99
30	431347	AI133461	Hs.251664	insulin-like growth factor 2 (somatomedi	1.10
	413804	T64682		gb:yc4bb02.r1 Stratagene liver (937224)	0.85
	432842	AW674093	Hs.334822	hypothetical protein MGC4485	1.20
	420876	AA918425	Hs.177744	ESTs	0.85
	422119	AJ277829	Hs.111862	KIAA0590 gene product	0.71
35	400846			scorlin-related receptor, L(DLR class)	0.75
	421100	AW361839	Hs.124660	Homo sapiens cDNA: FLJ21763 fis, clone C	4.01
	430152	AB001325	Hs.234642	aquaporin 3	1.74
	402777				0.70
	417151	AA194055	Hs.293858	ESTs	0.99
40	411248	AA551538	Hs.334605	Homo sapiens cDNA FLJ14408 fis, clone HE	1.48
	405034	AL035754	Hs.2474	tol-like receptor 1	1.00
	406671	AA129547	Hs.285754	met proto-oncogene (hepatocyte growth fa	18.68
	431070	AW408184	Hs.249184	transcription factor 19 (SC1)	1.94
	453134	AA032211	Hs.118493	ESTs	0.70
45	440006	AK000517	Hs.6844	hypothetical protein FLJ20510	2.19
	418068	AW971155	Hs.293902	ESTs, Weakly similar to ISHUS protein d	0.25
	424364	AW383226	Hs.201189	ESTs, Weakly similar to G01763 atrophin-	2.74
	439780	AL109688		gb:Homo sapiens mRNA full length insert	3.07
	438315	R56795	Hs.82419	ESTs	0.65
50	418937	T71509	Hs.13661	ESTs, Weakly similar to T42383 probable	1.18
	444163	AJ126098		gb:q54g07.x1 Soares_placenta_8to9weeks_	0.85
	444444	AJ149332	Hs.14855	ESTs	0.59
	407581	R48402	Hs.173508	P3ECSL	0.82
	433078	AW015188	Hs.121575	Homo sapiens cDNA FLJ12231 fis, clone MA	0.82
55	417003	AL038170	Hs.80756	betaine-homocysteine methyltransferase	0.62
	446024	AB040946	Hs.284227	KIAA1513 protein	0.92
	427747	AW411425	Hs.180655	serine/threonine kinase 12	1.42
	419741	NM_007019	Hs.93002	ubiquitin carrier protein E2-C	1.68
	453883	AJ638516	Hs.22630	cofactor required for Sp1 transcriptiona	1.57
60	426847	S78723	Hs.298623	5-hydroxytryptamine (serotonin) receptor	0.08
	446009	AI889885	Hs.231926	ESTs	1.00
	457292	AJ921270	Hs.334882	hypothetical protein FLJ14251	0.98
	415949	H10562	Hs.21691	ESTs	0.61
	420281	AI623693	Hs.191533	ESTs	7.01
65	446673	NM_016361	Hs.15871	LPAP for lysophosphatidic acid phosphata	0.72
	450983	AA305384	Hs.25740	ERO1 (S. cerevisiae)-like	2.21
	414792	BE314949	Hs.87128	hypothetical protein FLJ23309	0.99
	437553	AI829936	Hs.130497	ESTs, Weakly similar to MATR_HUMAN CHLOR	0.54
	421218	NM_000499	Hs.72912	cytochrome P450, subfamily I (aromatic c	0.06
70	428900	AW163564	Hs.142375	ESTs	0.48
	414595	AA641726	Hs.289015	hypothetical protein MGC4171	0.83
	402305				0.89
	453823	AL137967		gb:DKFZp781D2315_r1 761 (synonym: hamy2)	0.04
	445911	AI965987	Hs.145645	ESTs, Moderately similar to ALU1_HUMAN A	0.49
75	436508	AA628680	Hs.192371	down syndrome critical region protein DS	0.65
	423916	AW993495	Hs.17235	Homo sapiens clone TCCCA00176 mRNA sequ	0.53
	405932				1.76
	401780				2.81
	452240	AI591147	Hs.61232	ESTs	453.00
80	421064	AI245432	Hs.101382	tumor necrosis factor, alpha-induced pro	1.04
	421373	AA608229	Hs.167771	ESTs	17.00
	427239	BE270447	Hs.174070	ubiquitin carrier protein	1.16
	435099	AC004770	Hs.4756	flap structure-specific endonuclease 1	1.68
	422406	AF025441	Hs.116206	Opa-interacting protein 5	3.19
	413278	BE563085	Hs.833	interferon-stimulated protein, 15 kDa	1.73
	463389	BE273648	Hs.32963	cadherin 6, type 2, K-cadherin (fetal kl	1.00
	454789	BE155314		gb:QV0-HT0367-150200-114-002 HT0367 Homo	1.00

	434487	AF143867	Hs.337588	ESTs, Moderately similar to S65657 alpha	0.06
	424008	R02740	Hs.137555	putative chemokine receptor: GTP-binding	2.45
	418067	AI127958	Hs.83393	cystatin E/M	1.41
5	441801	AW242799	Hs.86368	ESTs	140.00
	423536	L22075	Hs.1666	guanine nucleotide binding protein (G pr	2.45
	410153	BE311925	Hs.15630	hypothetical protein FLJ12691	58.00
	400409	AF153341	Hs.283954	Homo sapiens winged helix/forkhead trans	1.17
	452316	AA288484	Hs.81265	ESTs, Moderately similar to G786_HUMAN P	0.86
10	427567	BE348244	Hs.202628	ESTs, Weakly similar to I78895 serine/th	0.91
	451161	AA211329	Hs.26006	hypothetical protein FLJ10559	1.00
	453204	R10799	Hs.191990	ESTs	1.13
	437240	AA747537		gbmx86c05.s1 NCI_CGAP_GCB1 Homo sapiens	1.00
	405531				0.92
15	440249	AI246590	Hs.337275	ESTs	1.32
	426783	Z19084	Hs.172210	MJF1 protein	1.17
	434192	AW387314	Hs.34371	ESTs	1.00
	407881	AW072003	Hs.40868	heparan sulfate (glucosamine) 3-O-sulfot	87.14
	402001				37.00
20	433967	AF113018	Hs.284302	PRO1621 protein	1.00
	451592	AI805416	Hs.213897	ESTs	10.00
	422170	AI791949	Hs.112432	anti-Müllerian hormone	0.67
	408947	AL080093	Hs.49117	Homo sapiens mRNA; cDNA DKFZp564N1662 (f	1.00
	452732	BE300078	Hs.80449	Homo sapiens; clone IMAGE:3535294, mRNA,	0.99
25	441940	AW298115	Hs.128152	ESTs	0.88
	425048	H05468	Hs.164502	ESTs	0.33
	444008	BE544855	Hs.220756	ESTs, Weakly similar to SFR4_HUMAN SPLIC	1.01
	421307	BE539976	Hs.103305	Homo sapiens mRNA; cDNA DKFZp434B0426 (f	1.06
	423853	AB011537	Hs.133466	slit (Drosophila) homolog 1	0.45
30	407846	AA426202	Hs.40403	Cbp/p300-interacting transactivator, wit	0.62
	410348	AW182663	Hs.95469	ESTs	1.00
	419078	M93119	Hs.89584	insulinoma-associated 1	0.04
	414807	X90725	Hs.77597	polo (Drosophila)-like kinase	1.04
	441795	N58115	Hs.21137	AD024 protein	10.00
35	418583	AA604379	Hs.86211	hypothetical protein	1.22
	444342	NM_014398	Hs.10887	similar to lysosome-associated membrane	106.67
	413365	M34465	Hs.840	indoleamine-pyrrole 2,3 dioxygenase	2.30
	441495	AW294603	Hs.127039	ESTs	0.44
	417933	X02308	Hs.82862	thymidylate synthetase	2.48
40	412661	N32860	Hs.24511	ESTs, Weakly similar to I54374 gene NF2	1.00
	411880	AW872477		gbhm30f03.x1 NCI_CGAP_Thy4 Homo sapiens	1.00
	417771	AA804688	Hs.82547	retinoic acid receptor responder (tazaro	1.44
	430034	X60155	Hs.227767	zinc finger protein 41	1.00
	421379	Y15221	Hs.103982	smad inducible cytokine subfamily B (Cy	2.87
45	454417	AI244459	Hs.110826	trinucleotide repeat containing 9	0.54
	429257	AW153799	Hs.198365	2,3-bisphosphoglycerate mutase	2.27
	417599	AA204688	Hs.136201	ESTs	1.01
	436366	AA805760	Hs.303567	ESTs	1.00
	438748	AI885815	Hs.184727	ESTs	1.47
50	409691	T89983	Hs.246042	Homo sapiens, clone MGC:5437, mRNA, comp	1.00
	408827	AW275730	Hs.254825	ESTs	1.00
	414735	BE468016	Hs.281904	ESTs	1.00
	422278	AF072873	Hs.114218	fizzled (Drosophila) homolog 6	5.21
55	412719	AW016810	Hs.129911	ESTs	494.00
	417034	NM_006183	Hs.80962	neurotensin	1.00
	430486	BE062109	Hs.241551	chloride channel, calcium activated, tem	23.36
	407788	BE514982	Hs.38991	S100 calcium-binding protein A2	6.98
	413753	U17760	Hs.75517	laminin, beta 3 (nicotin (125kD), kalinin	7.50
60	424012	AW358377	Hs.137559	tumor protein 63 kDa with strong homolog	9.77
	425850	NM_001944	Hs.1925	desmoglein 3 (pemphigus vulgaris antigen	445.00
	412140	AA219891	Hs.73625	RAB6 interacting, kinasin-like (rabkines	13.93
	423673	BE003054	Hs.1685	matrix metalloproteinase 12 (macrophage	12.77
	452838	U65011	Hs.30743	preferentially expressed antigen in mela	45.00
	418563	AK001100	Hs.41690	desmocollin 3	10.89
65	409532	W74001	Hs.55279	serine (or cysteine) proteinase inhibitor	6.29
	429610	AB024937	Hs.211092	LUNX protein; PLUNC (palate lung and nas	0.88
	406690	M29540	Hs.220529	carcinoembryonic antigen-related cell ad	38.31
	421948	L42583	Hs.334309	keratin 6A	35.81
	431846	BE019924	Hs.271580	uroplakin 1B	1.37
70	424098	AF077374	Hs.139322	small proline-rich protein 3	8.85
	453964	AI881488	Hs.12744	ESTs	0.40
	446956	AI814373	Hs.164175	ESTs	1.16
	443848	AI085377	Hs.143610	ESTs	2.15
	408522	AI541214	Hs.46320	Small proline-rich protein SPRK [human,	4.39
75	431394	BE158000		gb:MR2-HT0377-150200-202-e03 HT0377 Homo	1.18
	422158	L10343	Hs.112341	protease inhibitor 3, eldn-derived (SKAL	4.22
	435505	AF200492	Hs.211238	interleukin-1 homolog 1	164.00
	417366	BE185289	Hs.1076	small proline-rich protein 1B (comifin)	9.85
	431958	X63629	Hs.2677	cadherin 3, type 1, P-cadherin (placenta	5.59
80	441020	W79283	Hs.35962	ESTs	5.76
	423217	NM_000094	Hs.1640	collagen, type VII, alpha 1 (epidermolys	1.97
	448733	NM_005529	Hs.187958	solute carrier family 6 (neurotransmitte	1.09
	444371	BE540274	Hs.239	forkhead box M1	2.44
	422158	AA586894	Hs.112408	S100 calcium-binding protein A7 (psorfas	8.39

5	428259	AA420460	Hs.292911	ESTs, Highly similar to S60712 band-6-pr	2.53
	426440	BE382766	Hs.169902	solute carrier family 2 (facilitated glu	1.67
	437044	AL035864	Hs.69517	cDNA for differentially expressed CO16 g	2.30
	423562	AK001035	Hs.130881	B-cell CLL/lymphoma 11A (zinc finger pro	1.04
	428484	AF104032	Hs.184601	solute carrier family 7 (cationic amino	3.11
10	401781				11.07
	401780				9.54
	429211	AF052693	Hs.198249	gap junction protein, beta 5 (connexin 3	1.62
	417389	BE260964	Hs.82045	midkine (neurotrophin growth-promoting factor	1.12
	423634	AW959308	Hs.1690	heparin-binding growth factor binding pr	947.00
15	417515	L24203	Hs.82237	alacida-telangiectasia group D-associated	2.79
	441362	BE514410	Hs.23044	RAO51 (S. cerevisiae) homolog (E. coli Ra	3.16
	440704	M59241	Hs.182	insulin-like growth factor binding prote	1.08
	425322	U63630	Hs.155637	protein kinase, DNA-activated, catalytic	5.20
	431221	AA449015	Hs.286145	SRB7 (suppressor of RNA polymerase B, ye	2.53
20	449003	X76342	Hs.389	alcohol dehydrogenase 7 (class IV), mu o	72.00
	431009	BE149762	Hs.48956	gap junction protein, beta 6 (connexin 3	19.96
	408103	AF251237	Hs.112208	XAGE-1 protein	0.47
	417542	J04129	Hs.82269	progesterone-associated endometrial prote	0.66
	428471	X57348	Hs.184510	stratiferin	3.39
25	418004	U37519	Hs.87539	aldehyde dehydrogenase 3 family, member	1.61
	414761	AJ077228	Hs.77256	enhancer of zeste (Drosophila) homolog 2	2.31
	451541	BE279383	Hs.28557	plakophilin 3	1.82
	418203	X54942	Hs.83758	CDC28 protein kinase 2	5.60
	447343	AA256641	Hs.235894	ESTs, Highly similar to S02392 alpha-2-m	2.78
30	437016	AJ076916	Hs.5398	guanine monophosphate synthetase	2.01
	429512	AF082649	Hs.252587	pituitary tumor-transforming 1	2.18
	449230	BE613348	Hs.211579	melanoma cell adhesion molecule	2.58
	446989	AK001898	Hs.16740	hypothetical protein FLJ11036	4.63
	457819	AA057484	Hs.35405	ESTs, Highly similar to unnamed protein	2.25
35	410555	U92649	Hs.84311	a disintegrin and metalloproteinase doma	11.88
	430677	Z26317	Hs.94560	desmoglein 2	1.38
	424687	J05070	Hs.151738	matrix metalloproteinase 9 (gelatinase B	2.09
	414430	AJ346201	Hs.76118	ubiquitin carboxyl-terminal esterase L1	1.09
	422963	M79141	Hs.13234	ESTs	2.28
40	418462	BE001596	Hs.85266	integrin, beta 4	1.40
	450832	AW970602	Hs.105421	ESTs	13.31
	410274	AA381807	Hs.61762	hypoxia-inducible protein 2	1.25
	408353	BE439838	Hs.44298	mitochondrial ribosomal protein S17	1.89
	458933	AJ638429	Hs.24763	RAN binding protein 1	1.54
45	439394	AA149250	Hs.58105	ESTs	3.89
	418478	U38945	Hs.1174	cyclin-dependent kinase inhibitor 2A (me	1.77
	453533	AA357001	Hs.34045	hypothetical protein FLJ20784	1.52
	446269	AW263155	Hs.14559	hypothetical protein FLJ10540	3.11
	422765	AW409701	Hs.1578	baculoviral IAP repeat-containing 5 (sur	2.10
50	436481	AA379597	Hs.5189	HSPC150 protein similar to ubiquitin-con	1.84
	440325	NM_003812	Hs.7164	a disintegrin and metalloproteinase doma	0.61
	439606	W79123	Hs.58561	G protein-coupled receptor 87	303.00
	453884	AA355925	Hs.36232	KIAA0188 gene product	10.55
	452934	AA581322	Hs.4213	hypothetical protein MGC16207	1.38
55	451743	AW074268	Hs.23071	ESTs	2.90
	413129	AF292100	Hs.104613	RP42 homolog	2.38
	406974	M57293		gb:Human parathyroid hormone-related pep	1.00
	413281	AA861271	Hs.222024	transcription factor BMAL2	5.82
	444781	NM_014400	Hs.11850	GPI-anchored metastasis-associated prote	2.18
60	416819	U77735	Hs.80205	p187 oncogene	1.01
	451320	AW118072	Hs.89981	diacylglycerol kinase, zeta (104kD)	0.67
	418543	NM_005329	Hs.85962	hyaluronan synthase 3	1.19
	454034	NM_000691	Hs.575	aldehyde dehydrogenase 3 family, member	2.55
	425397	J04088	Hs.156348	topoisomerase (DNA) II alpha (170kD)	3.06
65	413004	T35901	Hs.75117	interleukin enhancer binding factor 2, 4	1.84
	407634	AW016569	Hs.136414	UDP-GlcNAc6S-betaGal beta-1,3-N-acetylgluc	7.04
	415817	U88967	Hs.78867	protein tyrosine phosphatase, receptor-t	203.00
	439013	H91923	Hs.110024	NADH:ubiquinone oxidoreductase MLRQ subu	1.33
	430337	M36707	Hs.239600	calmodulin-like 3	1.32
70	419121	AA374372	Hs.89628	parathyroid hormone-like hormone	51.00
	446993	AA71830	Hs.8127	KIAA0144 gene product	1.03
	440193	AB033023	Hs.318127	hypothetical protein FLJ10201	28.00
	421817	AF146074	Hs.108660	ATP-binding cassette, sub-family C (CFTR	1.24
	425245	AJ751768	Hs.155314	KIAA0095 gene product	1.40
75	430393	BE185030	Hs.241305	estrogen-responsive B box protein	1.55
	420462	AF050147	Hs.57932	chondromodulin I precursor	1.00
	418678	NM_001327	Hs.167379	cancer/testis antigen	0.82
	428182	BE386042	Hs.293317	ESTs, Weakly similar to GGC1_HUMAN G ANT	1.00
	427335	AA448542	Hs.251677	G antigen 7B	0.91
80	409420	Z15008	Hs.54451	laminin, gamma 2 (nicotin (100kD), kalin)	6.53
	430856	W00847	Hs.135056	Human DNA sequence from clone RP5-850E9	1.35
	421917	AB028943	Hs.109445	KIAA1020 protein	0.94
	404440				38.57
	409582	R27430	Hs.271565	ESTs	3.19
	415569	NM_005025	Hs.78589	serine (or cysteine) proteinase inhibito	2.45
	433091	Y12642	Hs.3185	lymphocyte antigen 6 complex, locus D	1.61
	408122	AA32652	Hs.42824	hypothetical protein FLJ10718	1.95



5	408380	AF123050	Hs.44532	diubiquitin	7.23
	437412	BE069288	Hs.34744	Homo sapiens mRNA; cDNA DKFZp547C136 (fr	1.35
	449976	H06350	Hs.135056	Human DNA sequence from clone RP5-850E9	0.81
	448102	AW168067	Hs.252956	ESTs	1.03
	428479	Y00272	Hs.184572	cell division cycle 2, G1 to S and G2 to	137.00
10	422487	AJ010901	Hs.198267	mucin 4, tracheobronchial	7.91
	423761	NM_006194	Hs.132576	paired box gene 9	36.00
	436291	BE568452	Hs.5101	protein regulator of cytokinesis 1	5.35
	423725	AJ403108	Hs.192127	hypothetical protein LOC57822	207.00
	440659	AF134160	Hs.7327	claudin 1	3.06
15	434360	AW015415	Hs.127780	ESTs	3.89
	437915	AI637993	Hs.202312	Homo sapiens clone N11 NTERa2D1 terafoca	1.28
	438898	AI819863	Hs.108243	ESTs	1.73
	441553	AA281219	Hs.121286	ESTs	1.47
	418379	AA218940	Hs.137516	ridgellin-like 1	40.42
20	436396	AI683487	Hs.152213	wingless-type MMTV integration site fami	14.25
	429413	NM_014058	Hs.201877	DESC1 protein	5.17
	422283	AW411307	Hs.114311	CDC45 (cell division cycle 45, S.cerevis	1.96
	415380	F07953	Hs.16085	putative G-protein coupled receptor	0.18
	423849	AL157425	Hs.133315	Homo sapiens mRNA; cDNA DKFZp761J1324 (f	1.00
25	446292	AF081497	Hs.279682	Rh type C glycoprotein	2.09
	429538	BE182592	Hs.11261	small proline-rich protein 2A	6.14
	447289	AW247017	Hs.38978	melanoma antigen, family A, 3	1.00
	428004	AA449583	Hs.151393	glutamate-cysteine ligase, catalytic sub	44.00
	415091	AL044872	Hs.77910	3-hydroxy-3-methylglutaryl-Coenzyme A sy	149.00
30	416209	AA236776	Hs.78078	MAD2 (mitotic arrest deficient, yeast, h	127.00
	408572	AA055611	Hs.226568	ESTs, Moderately similar to ALU4_HUMAN A	20.00
	404996				147.00
	438915	AA280174	Hs.285681	Williams-Beuren syndrome chromosome regi	1.00
	453922	AF053306	Hs.36708	budding uninhibited by benzimidazoles 1	54.00
35	424046	AF027886	Hs.138202	serine (or cysteine) proteinase inhibitor	139.00
	430583	AA481269	Hs.108660	ATP-binding cassette, sub-family C (CFTR	22.00
	438702	AI879064	Hs.54618	ESTs	1.00
	444378	R41339	Hs.12569	ESTs	1.00
	433485	AI493076	Hs.201967	aldo-keto reductase family 1, member C2	41.00
40	407839	AA045144	Hs.161566	ESTs	7.50
	439223	AW238299	Hs.250618	UL16 binding protein 2	3.39
	409041	AB033025	Hs.50081	KIAA1199 protein	245.00
	429228	AI553633	Hs.337139	ESTs	10.89
	409757	NM_001898	Hs.123114	cystatin SN	3.19
45	411089	AA456454	Hs.183418	cell division cycle 2-like 1 (PITSLRE pr	0.78
	436511	AA721262	Hs.291602	ESTs	0.23
	449207	AL044222	Hs.23255	nucleoporin 155kD	1.68
	453331	AI240665	Hs.8895	ESTs	5.21
	409935	AW511413	Hs.278025	ESTs	0.75
50	428969	AF120274	Hs.194689	artemin	1.17
	445443	AV653838	Hs.322971	ESTs	1.00
	407137	T97307		gb:ae53h05.s1 Soares fetal liver spleen	11.42
	401785				2.76
	412723	AA648459	Hs.335951	hypothetical protein AF301222	107.00
55	450701	H39960	Hs.288467	Homo sapiens cDNA FLJ12280 fs, clone MA	2.17
	405770				2.42
	439453	BE264974	Hs.6566	thyroid hormone receptor interactor 13	4.24
	420783	AI659638	Hs.99923	lectin, galactoside-binding, soluble, 7	4.50
	414774	X02419	Hs.77274	plasminogen activator, urokinase	1.95
60	424629	M90656	Hs.151393	glutamate-cysteine ligase, catalytic sub	1.44
	437789	AI581344	Hs.127812	ESTs, Weakly similar to T17330 hypotheti	1.00
	454098	W27953	Hs.292911	ESTs, Highly similar to S60712 band-6-pr	1.33
	453958	AA847843	Hs.62711	Homo sapiens, clone IMAGE:3351295, mRNA	1.11
	427441	AA112605	Hs.178053	SPANX family, member C	5.00
65	403478				0.78
	400842				0.15
	441525	AW241887	Hs.127728	ESTs	0.79
	452865	AI924046	Hs.119567	ESTs, Weakly similar to A47682 B-cell gr	1.50
	405646				1.06
70	427260	AA663948		gb:ae70b08.s1 Stratagene schizo brain S1	0.79
	431413	AA504777	Hs.105293	ESTs	1.00
	401994				3.25
	402420				0.05
	404288				0.64
75	404927				88.00
	434105	AW952124	Hs.13094	presenilin associated rhomboid-like pro	0.96
	436961	AW375974	Hs.156704	ESTs	3.58
	429563	BE819413	Hs.2437	eukaryotic translation initiation factor	0.92
	428067	AW664691	Hs.97053	ESTs	0.97
80	428810	AF068236	Hs.193788	nitric oxide synthase 2A (inducible, hep	0.66
	426897	AW976570	Hs.97387	ESTs	1.29
	443892	AI889572	Hs.134791	ESTs	1.00
	413223	AI732182	Hs.191866	ESTs	0.79
	413691	AB023173	Hs.75478	ATPase, Class VI, type 11B	1.51
	423934	U89995	Hs.159234	forkhead box E1 (thyroid transcription f	2.59
	425159	NM_004341	Hs.154868	carbamoyl-phosphate synthetase 2, aspart	1.39
	420758	AW297536	Hs.33053	ESTs	0.89

5	423816	AL031985	Hs.133034	hypothetical protein	1.00
	447534	AW953935	Hs.30837	ESTs	1.88
	451919	W05086	Hs.114256	ESTs, Weakly similar to I78885 serine/th	0.11
	409228	R16911	Hs.22010	ESTs, Weakly similar to 2109260A B cell	0.92
	403715				0.89
	428645	AA431400	Hs.98729	ESTs, Weakly similar to 2017205A dihydro	1.00
	425734	AF056209	Hs.159396	peptidylglycine alpha-amidating monooxyg	37.00
	436839	AA767346	Hs.291614	ESTs	1.00
10	413582	AW295647	Hs.71331	hypothetical protein MGC5350	59.00
	413573	AI733859	Hs.149089	ESTs	78.00
	430686	NM_001942	Hs.2633	desmoglein 1	127.08
	438993	AA828996		gb:cd77b08.s1 NCL_CGAP_Or2 Homo sapiens	1.00
	448243	AW369771	Hs.52620	integrin, beta 8	133.00
	444783	AK001458	Hs.62180	anillin (Drosophila Scrape homolog), act	232.00
15	426427	M88699	Hs.169840	TTK protein kinase	66.00
	422956	BE545072	Hs.122579	hypothetical protein FLJ10461	148.00
	445537	AJ245671	Hs.12844	EGF-like domain, multiple 6	40.75
	453392	U23752	Hs.32964	SRY (sex determining region Y)-box 11	13.00
20	424805	NM_002497	Hs.153704	NIMA (never in mitosis gene a)-related k	108.00
	400298	AA032279	Hs.61635	six transmembrane epithelial antigen of	159.00
	415989	AI267700	Hs.317584	ESTs	196.00
	408000	L11690	Hs.620	bulbous pemphigoid antigen 1 (230/240kD)	32.44
	453160	AI263307	Hs.239884	H2B histone family, member L	7.00
25	409361	NM_005982	Hs.54416	shc ocular homeobox (Drosophila) homolo	4.13
	416208	AW291168	Hs.41295	ESTs, Weakly similar to MUC2_HUMAN MUCIN	45.00

TABLE 24B

30	Pkey:	Unique Eos probeset identifier number	
	CAT number:	Gene cluster number	
	Accessions:	Genbank accession numbers	
35	Pkey	CAT number	Accessions
	411880	1263110_1	AW872477 BE088101 T05990
	412296	1288043_1	AW936233 AW936272
	413804	1390710_1	T64682 BE168150 BE168256
40	414221	142696_1	AW450979 AA136653 AA136656 AW419381 AA984358 AA492073 BE168945 AA809054 AW238038 BE011212 BE011359 BE011367 BE011368 BE011362 BE011215 BE011365 BE011363
	415327	1534137_1	H22769 R35182 Z43545 F05783 N92089 H71928
	427260	276598_1	AA663848 AA400100 AA401424
	431322	331543_1	AW970622 AA503009 AA502998 AA502805 T92188
45	431384	33264_1	BE158000 BE157999 H75671 H70965 C18895 BE386512 BE385815 BE390298 AJ341995 BE074534 AA055592 AA132265 AI733757 AA134504 BE145037 AA055887 BE070191 R66492 AW856018 AW858058 AW817057 AW862031 AW861688 AW862028 AW858905 AW858792 AW862028 AW858017 AW819164 AW853698 AI522161 AW854769 AW817408 BE152005 AJ732411 AA133084
	432222	343347_1	AJ204995 AW827539 AW869908 AW440776 AA528756
	437214	434730_1	BE092336 BE092269 BE092497 BE092051 AA746882 AJ336378
	437240	435139_1	AA747537 BE089068 BE089070
50	438993	467651_1	AA828995 AA834879 AI926361
	439780	47673_1	AL109688 R23665 R26578
	444163	593658_1	AI126058 AI184746 AI148521
	451844	888230_1	T81430 AI820546 AI821336
	453823	982526_1	AL137967 BE064160 BE064186
55	454789	1234742_1	BE156314 BE158316 AW820750
	456034	142696_1	AW450979 AA136653 AA136656 AW419381 AA984358 AA492073 BE168945 AA809054 AW238038 BE011212 BE011359 BE011367 BE011368 BE011362 BE011215 BE011365 BE011363

TABLE 24C

65

Pkey:

Ref:

Strand:

Nt\_position:

Unique number corresponding to an Eos probeset

Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled "The DNA sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.

Indicates DNA strand from which exons were predicted.

Indicates nucleotide positions of predicted exons.

70

Pkey

Ref

Strand

Nt\_position

400751

7331445

Minus

35395-35533

400842

1927148

Plus

90462-90673

400843

9188605

Plus

5863-5970,7653-7784,8892-9023,9673-9807,10634-10789,16254-15403,23827-23958

400844

9188605

Plus

24746-24872,25035-25204

400846

9188605

Plus

39310-39474

401486

7341763

Plus

32585-32756,36281-36540,40791-40933,44018-44179

401747

9786672

Minus

118596-118816,119119-119244,119609-119761,120422-120990,130161-130381,130468-130593,131097-131258,131866-131932,132451-132575,133580-134011

401760

9929699

Plus

83126-83250,85320-85540,94719-95287

401780

7249190

Minus

28397-28617,28920-29045,29135-29298,29411-29567,29705-29787,30224-30573

401781

7249190

Minus

63215-83435,83631-83656,83740-83901,84237-84393,84955-85037,86290-86814

401785

7249190

Minus

165776-165996,166189-166314,166408-166589,167112-167268,167387-167469,168534-168942

401994

4153858

Minus

42904-43124,43211-43336,44607-44763,45199-45281,46337-46732

402001

9501818

Plus

68052-68223

75

80

5	402034	7684482	Minus	86227-86451
	402075	8117407	Plus	121807-122035, 122804-122921, 124019-124161, 124455-124610, 125672-126076
	402230	9966312	Minus	29782-29932
	402305	7328724	Plus	40832-41362
	402420	9796339	Plus	129750-129919
	402777	9588235	Plus	126786-126948
	402778	9588235	Plus	128560-128702
	402801	8894222	Minus	175426-175667
10	403085	8954241	Plus	165035-165334, 165420-165713
	403381	9438267	Minus	26009-26178
	403478	9958258	Plus	116458-116564
	403715	7239868	Plus	85128-85292
	403803	7710571	Minus	101165-102597
15	404148	9863703	Plus	78218-78418, 79571-79709
	404296	9944263	Minus	73591-73723
	404440	7528061	Plus	80430-81581
	404675	9801324	Plus	96588-96732, 97722-97831
	404827	7342002	Plus	68690-69563
20	404977	3738341	Minus	43081-43229
	404996	6007890	Plus	37999-38145, 38652-38998, 39727-39872, 40567-40874, 42351-42450
	405033	7107731	Minus	142358-142546
	405064	7658416	Plus	81207-81416
	405494	8050952	Minus	70284-70518
25	405531	9665194	Plus	35602-35803
	405648	4914360	Plus	741-969
	405770	2735037	Plus	61057-62075
	405932	7767812	Minus	123525-123713
	406081	9123861	Minus	38115-38691
30	406117	9142932	Plus	54304-54584
	406360	9256107	Minus	7513-7673
	406467	9795551	Plus	182212-182958

35 TABLE 25A: 691 genes upregulated in head and neck cancer relative to normal body tissues

40 Table 25A lists about 691 genes upregulated in head and neck cancer relative to normal body tissues that are likely to encode proteins amenable to modulation by small molecules, peptides, or antibodies. These genes were selected from 59680 probesets on the Eos/Affymetrix Hu03 Genechip array. Gene expression data for each probeset obtained from this analysis was expressed as average intensity (AI), a normalized value reflecting the relative level of mRNA expression. The protein products of these genes often contain one or more domains indicative of have oncogenic function or of transducing intracellular signals, or of being modulatable by small molecules, peptides, or antibodies (e.g. kinase, death-domain, TIM, phosphatase, or ion transporter). Certain predicted protein domains are noted.

45 Pkey: Unique Eos probeset identifier number  
 ExAccn: Exemplar accession number, GenBank accession number  
 UniGeneID: UniGene number  
 Pred.Prod.Domains: Certain predicted protein domains. Abbreviations used: TM, transmembrane domain; SS, signal sequence; =Y, very likely to contain; =M, likely to contain; other protein domain abbreviations are from PFAM (Nucleic Acids Research, 2002, 30:276-280).  
 UniGene Title: UniGene gene title  
 50 RI: 85th percentile of head and neck cancer AIs divided by the 50th percentile of normal tissue AIs, where the 10th percentile of all normal tissue AIs was subtracted from both the numerator and denominator

Pkey; ExAccn; UniGeneID; UniGene Title; Pred.Prod.Domains; RI

55 422168; AA588894; Hs.112408; S100 calcium-binding protein A7 (psorias; ehband,S\_100;TM=M;SS=N; 46.25  
 408522; AI541214; Hs.46320; Small proline-rich protein SPRK (human; none,Connin; 40.37  
 417366; BE185289; Hs.1078; small proline-rich protein 1B (cornifin); Cornifin;TM=M;SS=N; 38.94  
 401761; ; Target Exon; filament;TM=M;SS=N; 29.74  
 422168; L10343; Hs.112341; protease inhibitor 3, skin-derived (SKAL; wap;TM=M;SS=Y; 29.54  
 401780; ; NM\_005557; Homo sapiens keratin 16 (foca; filament;filament; 28.58  
 60 424098; AF077374; Hs.139322; small proline-rich protein 3; Cornifin;TM=M;SS=N; 28.55  
 421940; L42583; Hs.334309; keratin 6A; filament;RhoGAP,DUF286,bZIP,Tropomyosin,tubulin,DUF164,TBCA,Collagen;TM=M;SS=N; 25.74  
 428471; X67348; Hs.184510; stratifin; 14-3-3;TM=M;SS=N; 23.65  
 417079; U65590; Hs.81134; Interleukin 1 receptor antagonist; IL1; 21.02  
 421574; AJ000152; Hs.105924; defensin, beta 2; Defensin\_beta;TM=M;SS=M; 20.83  
 65 409801; AF237621; Hs.80828; keratin 1 (epidermolytic hyperkeratosis); filament,bZIP,UvrD-helicase,TBCA;TM=M;SS=N; 20.72  
 433091; Y12642; Hs.3185; lymphocyte antigen 6 complex, locus D; UPAR\_LY6,toxin,Activin\_recp;TM=M;SS=Y; 19.63  
 446292; AF081487; Hs.279582; Rb type C glycoprotein; Ammonium\_transp,FecCD;TM=Y;SS=M; 19.53  
 420763; AI659838; Hs.99923; lectin, galactoside-binding, soluble, 7; Gal-bind\_lectin;TM=M;SS=N; 19.12  
 70 407788; BE514982; Hs.38991; S100 calcium-binding protein A2; ehband,S\_100,S\_100,ehband; 17.93  
 416091; AF295370; Hs.283082; defensin, beta 3; Defensin\_beta;TM=M;SS=M; 17.63  
 431211; M88849; Hs.323733; gap junction protein, beta 2, 26kD (conn; connexin;TM=Y;SS=M; 16.94  
 429259; AA420450; Hs.380088; Plekophlin; none,none; 14.92  
 417515; L24203; Hs.82237; ataxia-telangiectasia group D-associated; zf-b\_box,zf-UBR1;TM=M;SS=N; 14.75  
 75 423634; AW959908; Hs.1690; heparin-binding growth factor binding pr; none;TM=M;SS=M; 14.45  
 418007; M13509; Hs.83169; matrix metalloproteinase 1 (interstitial; hemopexin,Peptidase\_M10,Astacin,PG\_binding\_1; 13.02  
 409632; Y74001; Hs.55279; serine (or cysteine) proteinase inhibitor; serpin; 12.62  
 406821; X67808; Hs.181125; immunoglobulin lambda locus; ig\_HSP70,Ppx-GppA;TM=M;SS=N; 12.61  
 431958; AI63829; Hs.2877; cadherin 3, type 1, P-cadherin (placenta; cadherin,Cadherin\_C\_term;TM=Y;SS=M; 12.45  
 80 446921; AB012113; Hs.16630; small inducible cytokine subfamily A (C); IL8; 11.71  
 401760; ; Target Exon; none,bromodomain; 11.68  
 407839; AA045144; Hs.161566; ESTs; cadherin,cadherin; 11.65  
 454034; NM\_000691; Hs.575; aldehyde dehydrogenase 3 family, member ; aldedh; 11.56  
 444781; NM\_014400; Hs.11950; GPI-anchored metastasis-associated prota; UPAR\_LY6,lactamase\_B; 11.31

- 453857; AL080235; Hs.35861; Ras-induced senescence 1 (RIS1); none; TM=Y; SS=M; 11.03  
 424012; AW368377; Hs.137569; tumor protein 63 kDa with strong homolog; SAM\_P53; TM=M; SS=N; 10.75  
 430630; AW269920; Hs.2621; cystatin A (stefin A); cystatin; TM=M; SS=N; 10.58  
 419693; AA133749; Hs.301350; FXYD domain-containing ion transport reg; ATP1G1\_PLM\_MAT6; TM=Y; SS=M; 10.30  
 411274; NM\_002776; Hs.69423; kallikrein 10; trypsin; TM=M; SS=N; 10.25  
 441633; AW958544; Hs.112242; normal mucosa of esophagus specific 1; none; TM=M; SS=M; 9.84  
 446989; AK001898; Hs.16740; hypothetical protein FLJ11038; none; TM=Y; SS=N; 9.74  
 402075; ; ENSP00000251056\*-Plasma membrane calcium; none; 9.50  
 444381; BE387335; Hs.283713; hypothetical protein BC014245; Collagen; TM=M; SS=M; 9.50  
 431009; BE149762; Hs.48966; gap junction protein, beta 6 (connexin 3; connexin; TM=Y; SS=M; 9.48  
 439310; AF086120; Hs.102793; ESTs; casein\_kappa\_pkinase; none; 9.43  
 414987; AA524394; Hs.294022; hypothetical protein FLJ14950; SH2; TM=M; SS=N; 9.33  
 418004; U37519; Hs.87539; aldehyde dehydrogenase 3 family, member; aldehyd; TM=M; SS=M; 9.14  
 408000; L11690; Hs.198689; bullous pemphigoid antigen 1 (230/240kD); ehband,spectrin,GAS2,SH3,Plectin,RA,Xylose\_Isom,FIID,bZIP,Tropomyosin,Myc-LZ,M,jdh,C,CH,AP3; TM=M; SS=N; 9.12  
 451541; BE279383; Hs.26557; plakophilin 3; Armadillo\_seg; TM=M; SS=N; 9.11  
 425850; NM\_001944; Hs.1925; desmoglein 3 (pemphigus vulgaris antigen; cadherin; TM=M; SS=M; 8.66  
 452240; AI591147; Hs.61232; ESTs; none; none; 8.57  
 429228; AI553633; Hs.356828; ESTs; none; none; 8.46  
 400289; X07820; Hs.2258; matrix metalloproteinase 10 (stromelysin; hemopexin,Peptidase\_M10,Astacin; 8.44  
 425071; NM\_013898; Hs.154424; deiodinase, iodothyronine, type II; T4\_deiodinase; TM=M; SS=Y; 8.15  
 407242; M18728; ; gb:Human nonspecific crossreacting anti; Ig; TM=M; SS=M; 8.05  
 407944; R34008; Hs.239727; desmocollin 2; cadherin,Cadherin\_C\_term,Hanta\_G2; TM=Y; SS=M; 7.90  
 413278; BE563085; Hs.833; Interferon-stimulated protein, 15 kDa; ubiquitin; 7.82  
 428330; L22524; Hs.2256; matrix metalloproteinase 7 (matrilysin; ; Peptidase\_M10; 7.82  
 417308; H60720; Hs.81892; KIAA0101 gene product; none; TM=M; SS=N; 7.77  
 413753; U17760; Hs.75517; laminin, beta 3 (nicotin (125kD), kallinin; laminin\_EGF\_laminin\_Nterm; 7.76  
 423217; NM\_000094; Hs.1640; collagen, type VII, alpha 1 (epidermolys; Kunitz\_BPT1,fn3,vwa,Collagen,beta-lactamase; TM=M; SS=M; 7.71  
 430686; NM\_001942; Hs.2633; desmoglein 1; cadherin,Cadherin\_C\_term; TM=Y; SS=M; 7.69  
 412270; AC005262; Hs.73797; guanine nucleotide binding protein (G pr; G-alpha,arf; TM=M; SS=N; 7.54  
 428484; AF104032; Hs.184601; solute carrier family 7 (cationic amino; aa\_pemases,pyridoxal\_deC,bromodomain,PHD,MBD,AT\_hook,DDT,PI3\_P14\_kinase,FAT,FATC,BolA,RUN; TM=M; SS=N; 7.53  
 418563; AK001100; Hs.41690; desmocollin 3; cadherin,Cadherin\_C\_term; none; 7.30  
 452281; T93500; Hs.28792; Homo sapiens cDNA FLJ11041 fis, clone PL; TGFB\_propeptide,TGF-beta; none; 7.28  
 429211; AF052693; Hs.198249; gap junction protein, beta 5 (connexin 3; connexin; TM=Y; SS=M; 7.26  
 412719; AW016610; Hs.816; ESTs; none; none; 7.17  
 446619; AU076643; Hs.313; secreted phosphoprotein 1 (osteopontin; ; Osteopontin; 7.10  
 423961; D13666; Hs.136348; periostin (OSF-2os); Fasciclin; TM=M; SS=M; 7.09  
 427868; AI791495; Hs.180142; calmodulin-like skin protein (CLSP); ehband; TM=M; SS=N; 7.08  
 431846; BE018924; Hs.271580; uroplakin 1B; transmembrane4; TM=Y; SS=M; 7.06  
 423673; BE003054; Hs.1695; matrix metalloproteinase 12 (macrophage; hemopexin,Peptidase\_M10; TM=M; SS=M; 7.03  
 401747; ; Homo sapiens keratin 17 (KRT17); none;bromodomain; 7.01  
 413859; AW992356; Hs.8364; Homo sapiens pyruvate dehydrogenase kina; SAM\_PNT; none; 6.98  
 429002; AW248438; Hs.2340; junction plakoglobin; Armadillo\_seg; TM=M; SS=N; 6.96  
 432239; X81334; Hs.2396; matrix metalloproteinase 13 (collagenase; hemopexin,Peptidase\_M10; 6.87  
 417715; AW969587; Hs.86366; ESTs; none; none; 6.72  
 422440; NM\_004812; Hs.116724; aldo-keto reductase family 1, member B10; aldo\_ket\_red,ROK; TM=M; SS=N; 6.50  
 429359; W00482; Hs.2399; matrix metalloproteinase 14 (membrane-in; hemopexin,Peptidase\_M10; TM=M; SS=M; 6.39  
 418844; M62982; Hs.1200; arachidonate 12-lipoxygenase; lipoxygenase,PLAT; TM=M; SS=N; 6.38  
 420039; NM\_004605; Hs.376147; sulfotransferase family, cytosolic, 2B; ; Sulfotransfer; 6.38  
 425397; J04088; Hs.156346; topoisomerase (DNA) II alpha (170kD); DNA\_gyraseB,DNA\_topoisolV,HATPase\_c; 6.35  
 442699; AF078037; Hs.324051; RelA-associated inhibitor; SIF3,ank; TM=M; SS=N; 6.30  
 409420; Z15008; Hs.54451; laminin, gamma 2 (nicotin (100kD), kallini; laminin\_B,laminin\_EGF; 6.28  
 424364; AW383226; Hs.163834; ESTs, Weakly similar to G01763 atrophin; ras; TM=M; SS=N; 6.27  
 414812; X72755; Hs.77367; monocline induced by gamma interferon; B.8; TM=M; SS=Y; 6.23  
 424687; XJ5070; Hs.151736; matrix metalloproteinase 9 (gelatinase B; fn2,hemopexin,Peptidase\_M10; 6.22  
 443428; AF098158; Hs.9329; chromosome 20 open reading frame 1; none; TM=M; SS=N; 6.21  
 428970; BE276891; Hs.194681; retinoic acid induced 3 (RAIG1); metabo; 7tm\_3; TM=Y; SS=M; 6.12  
 423017; AW178761; Hs.227948; serine (or cysteine) proteinase inhibitor; serpin; 6.08  
 424834; AK001432; Hs.153403; Homo sapiens cDNA FLJ10570 fis, clone NT; none; none; 6.08  
 426440; BE382755; Hs.169902; solute carrier family 2 (facilitated glu; sugar\_tr; TM=Y; SS=M; 6.04  
 439335; AA742697; Hs.62492; NM\_052863; Homo sapiens secretoglobulin, fa; none; 5.81  
 439223; AW238289; Hs.250618; UL18 binding protein 2; IdL\_recept\_La,PKD,MHC\_L; TM=M; SS=Y; 5.77  
 418054; NM\_002318; Hs.83354; lysyl oxidase-like 2; SRCR,lysyl\_oxidase; TM=M; SS=M; 5.72  
 454098; W27953; Hs.217493; Plakophilin; none; none; 5.71  
 417900; BE250127; Hs.82906; CDC20 (cell division cycle 20, S. cerevi; WD40; TM=M; SS=N; 5.70  
 435505; AF200492; Hs.211238; Interleukin-1 homolog 1; IL1; TM=M; SS=N; 5.69  
 406685; M18728; ; gb:Human nonspecific crossreacting anti; Ig; TM=M; SS=M; 5.67  
 430280; AA381258; Hs.237868; interleukin 7 receptor; fn3; none; 5.63  
 430486; BE062109; Hs.241551; chloride channel, calcium activated, fam; none; TM=Y; SS=M; 5.61  
 449722; BE280074; Hs.23960; cyclin B1; cyclin,cyclin\_C; TM=M; SS=N; 5.61  
 439506; W79123; Hs.55851; G protein-coupled receptor 87; 7tm\_1; TM=Y; SS=M; 5.60  
 452862; AW378065; Hs.8687; ADAMTS2 (a disintegrin-like and metallo; Pep\_M12B\_propep,isp\_1,Repolyasia; none; 5.58  
 433562; W07162; Hs.150826; RAS25 RAB25, member RAS oncogene family; ras,ABC\_tran,arf; TM=M; SS=M; 5.57  
 411295; BE207307; Hs.10114; growth suppressor 1; ZO-G\_Fell\_Oxy; TM=M; SS=M; 5.55  
 433848; AF095719; Hs.93764; carboxypeptidase A4; Zn\_carbOpeptLPropep\_M14; 5.54  
 416819; U77735; Hs.80205; p16-2 oncogene; pkinase; 5.48  
 428368; BE440042; Hs.83326; matrix metalloproteinase 3 (stromelysin; hemopexin,Peptidase\_M10,Astacin; 5.47  
 452747; BE153858; Hs.81460; Ig superfamily receptor LNIR; Ig\_Rhbd\_glycop; TM=Y; SS=M; 5.46  
 444946; AW139206; Hs.156457; hypothetical protein FLJ22408; abhydrolase,abhydrolase\_2; TM=Y; SS=M; 5.42  
 413719; BE435980; Hs.75498; small inducible cytokine subfamily A (Cy; IL8; 5.35  
 445033; AV652402; Hs.72901; cyclin-dependent kinase inhibitor 2B (p1; unk; 5.28  
 418462; BE001596; Hs.85266; integrin, beta 4; fn3,Integrin\_B,Cabx-beta,EGF; TM=M; SS=M; 5.26

- 429554; NM\_012275; Hs.207224; interleukin 1, delta; IL1; TM=M;SS=N; 6.14
- 421508; NM\_004833; Hs.105115; absent in melanoma 2; PAAD\_DAPIN; HIN; TM=M;SS=N; 5.13
- 439979; AW600291; Hs.6823; hypothetical protein FLJ10430; none; TM=M;SS=N; 5.11
- 427099; AB032953; Hs.173560; odd Ozfen-m homolog 2 (Drosophila, mouse); NHL; TM=M;SS=N; 5.11
- 428227; AA321649; Hs.2248; small inducible cytokine subfamily B (C); IL8; TM=M;SS=Y; 5.08
- 436396; AI683487; Hs.152213; wingless-type MMTV integration site (anti); wnt; none; 5.07
- 406690; M29540; Hs.220529; carcinoembryonic antigen-related cell ad; ig; TM=M;SS=M; 5.05
- 453905; NM\_002314; Hs.36566; LIM domain kinase 1; pkinase, LIM, PDZ, z-PARP; TM=M;SS=N; 5.04
- 414035; Y00630; Hs.75716; serine (or cysteine) proteinase inhibitor; serpin; 5.00
- 413219; AA878200; Hs.118727; Homo sapiens cDNA FLJ13692 fis, clone PL; HLH, death, TNFR\_c6, Acyl-CoA\_hydro; 4.96
- 421508; BE302796; Hs.105097; thymidine kinase 1, soluble; TK; TM=M;SS=N; 4.93
- 412140; AA219691; Hs.73625; RAB6 interacting, kinesin-like (rabkines; kinesin, Tropomyosin); TM=M;SS=N; 4.92
- 445537; AJ245671; Hs.12844; EGF-like domain, multiple 8; EGF, MAM; 4.91
- 428953; AA306510; Hs.348183; tumor necrosis factor receptor superfamily; 60s\_ribosomal, Ribosomal\_L10, TNFR\_c6, DEAD; 4.90
- 436553; AW407157; Hs.181125; immunoglobulin lambda locus; ig; HSP70, Ppx-GppA; TM=M;SS=N; 4.89
- 447343; AA256641; Hs.236894; ESTs, Highly similar to S02392 alpha-2-m; none, none; 4.84
- 430024; AI808780; Hs.227730; Integrin, alpha 6; Integrin\_A, FG-GAP; TM=Y;SS=M; 4.81
- 439706; AW872527; Hs.59761; ESTs, Weakly similar to DAP1\_HUMAN DEATH; none, none; 4.80
- 444371; BE540274; Hs.239; forkhead box M1; Fork\_head; TM=M;SS=N; 4.75
- 428582; BE336699; Hs.185056; BENE protein; none; TM=Y;SS=M; 4.74
- 419596; BE379320; Hs.91448; MKP-1 like protein tyrosine phosphatase; DSGP; 4.69
- 431630; NM\_002204; Hs.265829; integrin, alpha 3 (antigen CD49C, alpha; FG-GAP, Rhabd\_glycop, integrin\_A; TM=Y;SS=M; 4.69
- 422310; AA316622; Hs.98370; cytochrome P450, subfamily IIS, polypept; none, pkinase, m3, ig; 4.68
- 418057; AJ127958; Hs.83393; cystatin E/M; cystatin; 4.66
- 414774; X02415; Hs.77274; plasminogen activator, urokinase; kringle, trypsin, plant\_thionins; 4.64
- 456534; X91195; Hs.100623; phospholipase C, beta 3, neighbor pseudo; LIM, PDZ, pkinase; 4.62
- 410418; D01382; Hs.63325; transmembrane protease, serine 4; ldt\_recept\_a, trypsin; TM=Y;SS=M; 4.60
- 417866; AW067903; Hs.82772; collagen, type XI, alpha 1; Collagen, COL1, TSPN, laminin\_G, CorA; 4.60
- 438113; AI467308; Hs.8882; ESTs; 7tm\_1, none; 4.60
- 418140; BE613836; Hs.83551; microfilament-associated protein 2; none; TM=M;SS=M; 4.57
- 408380; AF123050; Hs.44532; diubiquitin; ubiquitin; TM=M;SS=N; 4.55
- 422627; BE336657; Hs.118787; transforming growth factor, beta-induced; Fasciclin, ABC\_tran, ABC\_membrane, GTP\_EFTU; TM=M;SS=M; 4.50
- 425247; NM\_005940; Hs.155324; matrix metalloproteinase 11 (stromelysin; hemopexin, Peptidase\_M10; 4.50
- 418558; AW082266; Hs.86131; Fas (TNFRSF6)-associated via death domain; death, DED; 4.49
- 408482; NM\_000676; Hs.45743; adenosine A2b receptor; 7tm\_1; TM=Y;SS=M; 4.48
- 414166; AW888941; Hs.75789; N-myc downstream regulated; DEAD, helicase\_C, rrm, Ndr, Cys\_knot, TIL, vwa, vwc, vwd, QJ, RIIa, abhydrolase, TGF-beta, DUF139, TPR, DSPc, tsp\_1, Ribosomal\_S21, vrp; TM=M;SS=N; 4.47
- 418178; AI808527; Hs.192822; serologically defined breast cancer anti; none; TM=M;SS=N; 4.47
- 411789; AF245505; Hs.72157; Adican; Ig\_LRR, LRRNT, LRRCT; TM=M;SS=M; 4.47
- 414561; AI064813; Hs.195155; Homo sapiens amino acid transport system; Aa\_trans; TM=Y;SS=N; 4.47
- 422765; AW409701; Hs.1578; baculoviral IAP repeat-containing 5 (sur; BIR; TM=M;SS=N; 4.45
- 427557; NM\_002659; Hs.179657; plasminogen activator, urokinase receptor; UPAR\_LY6, ET, PLA2\_inh; 4.43
- 418322; AA284166; Hs.84113; cyclin-dependent kinase inhibitor 3 (CDK; Y\_phosphatase, DSPC; TM=M;SS=N; 4.42
- 409041; AB033025; Hs.50081; Hypothetical protein, XP\_051860 (KIAA119; none; TM=M;SS=M; 4.41
- 406908; Z26437; ; gbl; H.sapiens protein-tyrosine kinase gen; none, none; 4.40
- 450701; H39960; Hs.289467; hypothetical protein XP\_098151 (leucine; none, LRRCT, LRR; 4.40
- 408213; U61412; Hs.61133; PTK5 protein tyrosine kinase 6; SH2, SH3, pkinase; TM=M;SS=N; 4.38
- 429500; X78585; Hs.289114; hexabrachion (tenascin C, cytolactin); EGF, fn3, fibrinogen\_C, toxin\_2, Keratin\_B2; TM=M;SS=Y; 4.38
- 448569; BE382657; Hs.21488; signal transducer and activator of trans; SH2, STAT, STAT\_bind, STAT\_prot; TM=M;SS=N; 4.32
- 423725; AJ403108; Hs.132127; hypothetical protein LOC57822; none; TM=M;SS=N; 4.32
- 411573; AB029000; Hs.70823; KIAA1077 protein; Sulfatase; TM=M;SS=N; 4.31
- 408243; Y00787; Hs.624; Interleukin 8; HLH, PAS, IL8; TM=M;SS=N; 4.31
- 418738; AW388633; Hs.6682; solute carrier family 7, (catallonic amino; none, none; 4.30
- 437897; AA770681; Hs.148170; hypothetical protein FLJ22969; zf-DHHC; none; 4.29
- 424247; X14068; Hs.234734; lysosome (renal amyloidosis); lye, ig, FAD\_Synth, ldh, ldh\_C, pkinase; 4.29
- 414821; M83835; Hs.77424; Fc fragment of IgG, high affinity Ia, re; ig; TM=Y;SS=M; 4.29
- 404996; ; Target Exon; Peptidase\_C1; TM=M;SS=M; 4.29
- 416539; Y07999; Hs.79368; epithelial membrane protein 1; PMP22\_Claudin, oddred\_g5\_N; TM=Y;SS=M; 4.28
- 409142; AL136877; Hs.50758; SMC4 (structural maintenance of chromosome; ABC\_tran, M\_SMC\_N, SMC\_C, DUF164; none; 4.25
- 421532; AW138207; Hs.146170; hypothetical protein FLJ22969; Armadillo\_seg, HEAT; TM=M;SS=N; 4.25
- 424503; NM\_002205; Hs.149609; integrin, alpha 5 (fibronectin receptor; integrin\_A, FG-GAP; TM=Y;SS=N; 4.24
- 414809; AI434699; Hs.77358; transferrin receptor (p90, CD71); PA; TM=Y;SS=N; 4.24
- 439720; AI935202; Hs.31161; Homo sapiens cDNA: FLJ23230 fis, clone C; none, SDF\_sugar\_tr; 4.23
- 437044; AL035864; Hs.69517; differentially expressed in Fanconi's an; none; TM=M;SS=M; 4.23
- 409958; AW103384; Hs.727; inhibin, beta A (activin A, activin AB a; TGF-beta, TGFb\_propeptide, Tub; 4.20
- 439453; BE264974; Hs.6566; thyroid hormone receptor interactor 13; AAA, ABC\_tran, CoeE; TM=M;SS=N; 4.20
- 417389; BE260964; Hs.82045; midkine (neurite growth-promoting factor; PTN, MK; TM=M;SS=Y; 4.19
- 407137; T97307; ; gbye53h05.s1 Scores fetal liver spleen; GDA1\_CD38; none; 4.18
- 419235; AW470411; Hs.288433; neurotrophin; none, none; 4.18
- 410290; AA402307; Hs.322844; hypothetical protein DKFZp564A176; Sema, PSI, TIG, integrin\_B; TM=Y;SS=M; 4.18
- 456906; AF117846; Hs.156637; Cas-BI-M (murine) ectropic retroviral tr; zf-C3HC4, Cbl\_N, Cbl\_N2, Cbl\_N3; TM=M;SS=N; 4.17
- 448775; AB025237; Hs.388; nudix (nucleoside diphosphate linked mot; NUDIX; TM=M;SS=M; 4.17
- 400288; X08258; Hs.149609; Integrin, alpha 5 (fibronectin receptor; integrin\_A, FG-GAP; TM=Y;SS=N; 4.14
- 409799; D11928; Hs.76845; phosphoserine phosphatase-like; Hydrolase; TM=M;SS=N; 4.13
- 445417; R02740; Hs.12680; a disintegrin-like and metalloprotease w; tps\_1, Reprobsin, Pep\_M12B\_propep; none; 4.12
- 433899; AJ287912; Hs.3828; mitogen-activated protein kinase kinase; pkinase, zf-C4, CNH, ERM; TM=M;SS=N; 4.12
- 424490; AJ278016; Hs.55565; ankyrin repeat domain 3; ank, pkinase; TM=M;SS=N; 4.09
- 419121; AA374372; Hs.89626; parathyroid hormone-like hormone; none, none; 4.08
- 416602; NM\_005159; Hs.367895; Protein kinase C-binding protein NELL2; EGF, vwc, TSPN; 4.07
- 424008; R02740; Hs.137555; putative chemokine receptor; GTP-binding; 7tm\_1; TM=Y;SS=M; 4.07
- 427747; AW411425; Hs.180655; serine/threonine kinase 12; pkinase; TM=M;SS=N; 4.06
- 427490; Z95152; Hs.178695; mitogen-activated protein kinase 13; pkinase; TM=M;SS=N; 4.03
- 439738; BE245502; Hs.9599; sema domain, immunoglobulin domain (ig); Sema, PSI, integrin\_B; TM=Y;SS=N; 4.02

- 414883; AA926960; Hs.348669; CDC28 protein kinase 1; CKS;; 4.02  
 413186; AU077141; Hs.374548; solute carrier family 16 (monocarboxylic; sugar\_tr; TM=Y;SS=M; 4.01  
 418203; X54942; Hs.83758; CDC28 protein kinase 2; CKS;; 4.01  
 406906; Z25424; ; gbH.sapiens protein-serine/threonine kt; none;none; 3.98  
 450375; AA009647; Hs.352537; a disintegrin and metalloproteinase doma; Reprolysin,Pep\_M12B\_propep,disintegrin,Reprolysin,Pep\_M12B\_propep,disintegrin; 3.98  
 410687; U24389; Hs.65436; lysyl oxidase-like 1; Lysyl\_oxidase;; 3.96  
 410342; R31350; Hs.743; Fc fragment of IgE, high affinity I, rec; ITAM;TM=Y;SS=M; 3.95  
 425849; AJ000512; Hs.296323; serumglucocorticoid regulated kinase; kinase,kinase\_C;TM=M;SS=M; 3.95  
 417433; BE270266; Hs.82128; 5T4 oncofetal trophoblast glycoprotein; LRR,LRRNT,LRRCT;TM=Y;SS=M; 3.95  
 427792; M63928; Hs.180841; tumor necrosis factor receptor superfam; SRP14,TNFR\_c6; 3.93  
 407792; AJ077715; Hs.39384; putative secreted ligand homologous to t; none;TM=M;SS=Y; 3.91  
 424441; X14850; Hs.147097; H2A histone family, member X; histone,CBFD\_NFYB\_HMF; 3.91  
 415989; AJ267700; Hs.351201; ESTs; none;none; 3.90  
 423189; M59371; Hs.171596; EphA2; fn3,kinase,SAM,EPH\_Lbd;TM=Y;SS=M; 3.90  
 443859; NM\_013409; Hs.9914; follistatin; kazal; 3.89  
 429612; AF052649; Hs.262587; pituitary tumor-transforming 1; none; 3.89  
 419073; AW372170; Hs.183918; Homo sapiens cDNA FLJ12797 fis, clone NT; death,ZUS;; 3.88  
 450684; AA872605; Hs.25333; interleukin 1 receptor, type II; TM=Y;SS=M; 3.88  
 428450; NM\_014791; Hs.184339; KIAA0175 gene product; KA1,kinase;TM=M;SS=N; 3.86  
 413441; AJ929374; Hs.75387; Src-like-adaptor; SH2,SH3;TM=M;SS=N; 3.84  
 437763; AA463669; Hs.5831; tissue inhibitor of metalloproteinase 1; TIMP; kinase,DAG\_PE-blad,RBD; 3.83  
 435291; BE568452; Hs.344037; protein regulator of cytokinesis 1; none;TM=M;SS=N; 3.82  
 417512; X76534; Hs.82226; glycoprotein (transmembrane) nmty; PKD;TM=Y;SS=M; 3.81  
 427647; W19744; Hs.180059; Homo sapiens cDNA FLJ20653 fis, clone KA; none,kinase; 3.80  
 431629; AU077025; Hs.265827; Interferon, alpha-inducible protein (clo; none;TM=M;SS=Y; 3.80  
 434699; AA643687; Hs.149425; Homo sapiens cDNA FLJ11980 fis, clone HE; Nucleoside\_tra2,none; 3.80  
 430378; Z29572; Hs.2555; tumor necrosis factor receptor superfam; IL2; 3.79  
 428157; AJ738719; Hs.198427; hexokinase 2; hexokinase,hexokinase2,none; 3.78  
 409512; AW979187; Hs.293591; melanoma differentiation associated prot; DEAD,helicase\_C,CARD;TM=M;SS=N; 3.78  
 417720; AA205625; Hs.208067; ESTs; none;none; 3.77  
 439237; AW408158; Hs.318893; ESTs, Weakly similar to A47582 B-cell gr; Furin-like,kinase,Recap\_L\_domain,YLP,none; 3.77  
 449029; N28909; Hs.22891; solute carrier family 7 (cationic amino; aa\_permeases;TM=Y;SS=M; 3.78  
 413436; AF238083; Hs.68061; sphingosine kinase 1; DAGK;TM=M;SS=N; 3.75  
 416714; AF282770; Hs.79630; CD79A antigen (immunoglobulin-associated; Ig,ITAM,Zn\_dus;TM=Y;SS=M; 3.74  
 413281; AA881271; Hs.222024; transcription factor BMAL2; HLH,PAS; 3.74  
 436481; AA378597; Hs.5199; HSPC150 protein similar to ubiquitin-con; UQ\_con;TM=M;SS=N; 3.74  
 431890; X17033; Hs.271985; integrin, alpha 2 (CD49B, alpha 2 subunit; vwa,integrin\_A,FG-GAP;TM=Y;SS=M; 3.74  
 424118; BE269041; Hs.140452; cargo selection protein (mannose 6 phosp; perilipn; 3.73  
 428471; M22440; Hs.170009; transforming growth factor, alpha; EGF;TM=M;SS=M; 3.72  
 422487; AJ010901; Hs.198267; mucin 4, tracheobronchial; EGF,vwd,AMOP; 3.72  
 450125; AA005418; Hs.158186; ESTs; GIDE-N,7tm\_1,none; 3.71  
 427337; Z46223; Hs.176663; Fc fragment of IgG, low affinity IIb, r; Ig;TM=Y;SS=M; 3.70  
 444006; BE395085; Hs.334762; type I transmembrane protein Fn14; Idl\_recept\_a,PKD,MHC\_k;TM=M;SS=Y; 3.70  
 422010; AA302049; Hs.31181; Homo sapiens cDNA: FLJ23230 fis, clone C; none,SDF,sugar\_tr; 3.70  
 418868; W33191; Hs.28907; hypothetical protein FLJ20258; SH3;TM=M;SS=N; 3.69  
 415817; U88967; Hs.78867; protein tyrosine phosphatase, receptor-t; fn3,Y\_phosphatase,carb\_anhydrase;TM=Y;SS=M; 3.68  
 443759; BE390832; Hs.134729; FXFD domain-containing ion transport reg; ATP1G1\_PLM\_MAT8;TM=Y;SS=M; 3.68  
 452344; X1264357; Hs.55405; hypothetical protein MGC16212; Sulfate\_transp,STAS; 3.68  
 439625; AF086453; Hs.58611; ESTs; Fork\_head,glycolytic\_enzy,Na\_sulph\_symp; 3.66  
 426227; U67058; Hs.154299; Human proteinase activated receptor-2 mR; 7tm\_1;TM=Y;SS=M; 3.66  
 452363; AF582743; Hs.94953; Homo sapiens, Similar to complement comp; C1q,Collagen; 3.65  
 447365; BE383678; Hs.334; Rho guanine nucleotide exchange factor ( SH3,PH,RhoGEF;TM=M;SS=N; 3.64  
 418883; BE387038; Hs.1211; acid phosphatase 5, tartrate resistant; Metallophos;TM=M;SS=M; 3.64  
 438707; L08239; Hs.6328; amino acid system N transporter 2; porcu; ACAT,MBOAT;TM=Y;SS=M; 3.64  
 422596; AF083611; Hs.118633; 2'-5'-oligoadenylate synthetase-like; ubiquitin; 3.63  
 449318; AV236021; Hs.78531; Homo sapiens, Similar to RUKEN cDNA 5730; none;TM=M;SS=N; 3.62  
 438746; AJ885815; Hs.184727; Human melanoma-associated antigen p97 (m; transferrin,Guanylate\_kin,PDZ,SH3; 3.62  
 446291; BE397753; Hs.14623; interferon, gamma-inducible protein 30; GILT;TM=M;SS=Y; 3.62  
 452696; AB26645; Hs.211534; ESTs; AifGap,PH,ank,Guanylate\_kin,PDZ,SH3; 3.60  
 407634; AW018569; Hs.138414; UDP-GlcNAc:betaGal beta-1,3-N-acetylgluc; Galactosyl\_L;TM=M;SS=Y; 3.59  
 423575; C18863; Hs.163443; intron of periostin (OSF-Zos); Fasciclin,none; 3.59  
 421391; AW304350; Hs.191958; Immunoglobulin superfamily receptor tran; Ig,none; 3.58  
 419452; U33635; Hs.90572; PTK7 protein tyrosine kinase 7; Ig,kinase;TM=Y;SS=M; 3.58  
 419912; AF249745; Hs.6066; Rho guanine nucleotide exchange factor ( SH3,PH,RhoGEF;TM=M;SS=N; 3.58  
 431457; NM\_012211; Hs.256297; Integrin, alpha 11; FG-GAP,vwa;TM=Y;SS=M; 3.57  
 430379; AF134149; Hs.240395; potassium channel, subfamily K, member 6; ion\_trans;TM=Y;SS=M; 3.55  
 418526; BE019020; Hs.85838; solute carrier family 16 (monocarboxylic; none;TM=Y;SS=M; 3.55  
 441362; BE614410; Hs.23044; RAD51 (S. cerevisiae) homolog (E coli Ra; none; 3.53  
 428500; NM\_014638; Hs.170158; KIAA0450 gene product; C2,PI-PLC-Y;TM=M;SS=N; 3.53  
 429556; AW139398; Hs.314807; ESTs; none;TM=M;SS=N; 3.52  
 449101; AA205847; Hs.23016; G protein-coupled receptor; 7tm\_1;TM=Y;SS=M; 3.52  
 432636; AA304864; Hs.278562; claudin 7; PMP22\_Claudin;TM=Y;SS=M; 3.51  
 433470; AW980564; Hs.351316; transmembrane 4 superfamily member 1; none;TM=Y;SS=M; 3.51  
 452203; X57522; Hs.352018; transporter 1, ATP-binding cassette, sub; ABC\_tran,ABC\_membrane,SRP54,Thymidylate\_kin;TM=Y;SS=M; 3.49  
 425586; AW162943; Hs.250618; UL16 binding protein 2; Idl\_recept\_a,PKD,MHC\_J;TM=M;SS=Y; 3.48  
 402447; ; C1000201;gij204416(gb)AAA02627.1 (L0519; none;TM=Y;SS=M; 3.48  
 431183; NM\_006855; Hs.250696; KDEL (Lys-Asp-Glu-Leu) endoplasmic retic; ER\_lumen\_recept;TM=M;SS=M; 3.48  
 446988; Y09763; Hs.22785; gamma-aminobutyric acid (GABA) A recept; Neur\_chan\_LBD,Neur\_chan\_memb;TM=Y;SS=M; 3.48  
 415323; BE269352; Hs.949; neutrophil cytosolic factor 2 (63kD, chr; SH3,TPR;TM=M;SS=N; 3.48  
 425003; AF119046; Hs.154149; apurinic/apyrimidinic endonuclease(APEX; Tropenin,Exo\_endo\_phos,IQ;TM=M;SS=N; 3.47  
 424909; S78187; Hs.153752; cell division cycle 25B; Rhodanese; 3.44  
 446051; BE048061; Hs.37054; ephrin-A3; Ephrin\_A\_deamin,dsam,z-alpha; 3.43  
 418641; BE243138; Hs.86947; a disintegrin and metalloproteinase doma; disintegrin,Reprolysin,Pep\_M12B\_propep,EGF;TM=Y;SS=M; 3.42

- 417426; NM\_002291; Hs.82124; laminin, beta 1; laminin\_EGF\_laminin\_Niemi, Integrin\_B; 3.42  
 411263; BE297802; Hs.69360; kinesin-like 6 (mitotic centrosome-assoc; kinesin; TM=M;SS=N; 3.42  
 430044; AA464510; Hs.152812; ESTs; none; none; 3.42  
 425289; AW139342; Hs.155530; Interferon, gamma-inducible protein 16; PAAD\_DAPN\_HIN; 3.39  
 425354; U62027; Hs.155935; complement component 3a receptor 1; 7tm\_1; TM=Y;SS=M; 3.39  
 428293; BE250944; Hs.183556; solute carrier family 1 (neutral amino a; eIF6,SDF; TM=M;SS=N; 3.39  
 443548; AI085377; Hs.143610; ESTs; Fork\_head; none; 3.39  
 418869; AW516585; ; gb:q01d05.x1 Scores\_NHCoC\_cervical\_tumo; none,RasGAP,WW,IC; 3.38  
 432179; X75208; Hs.2913; EphB3; EPH\_b3,fn3,ptkinase,SAM; TM=Y;SS=M; 3.38  
 418918; X07871; Hs.89476; CD2 antigen (p50), sheep red blood cell; ig; TM=Y;SS=M; 3.38  
 414368; W70171; Hs.76939; uridine monophosphate kinase; PRK,CoaE; 3.37  
 408716; AI667839; Hs.151714; Homo sapiens mRNA for KIAA1769 protein; ; UvrD-helicase,RNB,Runt; TM=M;SS=N; 3.37  
 457001; J03258; Hs.2062; vitamin D (1,25-dihydroxyvitamin D3) re; hormone\_rec,zf-C4,Metallothio\_5; TM=M;SS=N; 3.37  
 422283; AW411307; Hs.114311; CDC45 (cell division cycle 45, S.cerevis; CDC45; TM=M;SS=N; 3.37  
 421817; AF146074; Hs.108660; ATP-binding cassette, sub-family C (CFTR; Fasciclin,ABC\_tran,ABC\_membrane,GTP\_EFTU; TM=M;SS=M; 3.36  
 400298; AA032279; Hs.61635; six transmembrane epithelial antigen of; none; TM=Y;SS=N; 3.35  
 428385; AF112213; Hs.184052; putative Rab5-interacting protein; SH2,SH3; 3.33  
 400261; ; Hs.1802; Eos Control; Ig,MHC\_II\_beta; TM=Y;SS=M; 3.33  
 410024; AW191024; Hs.55016; hypothetical protein FLJ21935; SH3; TM=M;SS=N; 3.32  
 412584; X54870; Hs.74085; DNA segment on chromosome 12 (unkn; none,lectin\_c; 3.32  
 416065; BE267931; Hs.78996; proliferating cell nuclear antigen; PCNA,PCNA\_C; TM=M;SS=N; 3.31  
 428437; BE076537; Hs.169895; ubiquitin-conjugating enzyme E2L 6; Armadillo\_seg,UQ\_con,none; 3.31  
 426840; BE244217; Hs.172690; diacylglycerol kinase, alpha (BtkD); ehand,DAG\_PE-bind,DAGKa,DAGKc,DC1; TM=M;SS=N; 3.31  
 434419; AL040606; Hs.296938; dual specificity phosphatase 7; DSPc; TM=M;SS=N; 3.31  
 418758; AW958311; Hs.172012; hypothetical protein DKFZp434J037; pkinase,RIO1; TM=M;SS=N; 3.31  
 424778; AL046851; Hs.153053; CD37 antigen; transmembrane4; TM=Y;SS=M; 3.31  
 423973; AF030481; Hs.135574; arachidonate 12-lipoxygenase, 12R type; lipoxygenase,PLAT; TM=M;SS=N; 3.30  
 421733; AL119871; Hs.1420; fibroblast growth factor receptor 3 (ach; ig,pkinase; TM=Y;SS=M; 3.30  
 449027; AJ271216; Hs.22880; dipeptidylpeptidase III; Peptidase\_M49,EGF\_jg,Neuregulin; TM=M;SS=N; 3.28  
 423778; Y09267; Hs.132821; flavin containing monooxygenase 2; FMO-like,pyr\_redox; TM=Y;SS=M; 3.28  
 426457; AW894667; Hs.380138; chimerin (chimerin) 1; DAG\_PE-bind,RhoGAP,SH2; TM=M;SS=N; 3.28  
 435523; T62845; Hs.11050; membrane-spanning 4-domains, subfamily A; none; TM=Y;SS=M; 3.27  
 431886; L77964; Hs.271980; mitogen-activated protein kinase 6; pkinase; TM=M;SS=N; 3.27  
 430397; AJ924533; Hs.105607; bicarbonate transporter related protein; HCO3\_cotransp; TM=Y;SS=N; 3.27  
 425322; U03630; Hs.155537; protein kinase, DNA-activated, catalytic; PI3,PI4\_kinase,FAT,FATC; TM=M;SS=N; 3.26  
 446006; NM\_004403; Hs.13530; deafness, autosomal dominant 5; none; TM=M;SS=M; 3.26  
 444783; AK001468; Hs.62180; anillin (Drosophila Scrape homolog), act; PH,none; 3.25  
 422278; AF072873; Hs.114218; frizzled (Drosophila) homolog 6; Fz,Frizzled,7tm\_2; TM=Y;SS=M; 3.25  
 405932; ; C15000305.gij3805122[gib]AAC69198.1 [AF0]; ras; TM=M;SS=N; 3.25  
 400205; ; Hs.81848; NM\_006265; Homo sapiens RAD21 (S. pombe); DUF173; 3.25  
 432874; W94322; Hs.279651; melanoma inhibitory activity; SH3; TM=M;SS=Y; 3.24  
 412942; AL120344; Hs.76074; mitogen-activated protein kinase-activat; pkinase; TM=M;SS=N; 3.23  
 435472; AW972330; Hs.283022; triggering receptor expressed on myeloid; ig; TM=M;SS=M; 3.22  
 439285; AL133916; Hs.47880; hypothetical protein FLJ20093; ig,pkinase,LRP,LRRT,LRRC1,none; 3.22  
 410434; AF051152; Hs.63668; toll-like receptor 2; LRR,LRRC1,TIR; TM=M;SS=M; 3.22  
 427318; AF186081; Hs.175783; zinc transporter; Zip; TM=Y;SS=M; 3.22  
 436075; BE090178; Hs.179902; transporter-like protein; none; TM=Y;SS=M; 3.22  
 428698; AA852773; Hs.334838; KIAA1866 protein; none; NA;NA; 3.22  
 448888; AW196663; Hs.200242; caspase recruitment domain protein 6; CARD; TM=M;SS=N; 3.22  
 415149; X12451; Hs.78055; cathepsin L; Peptidase\_C1; 3.21  
 423393; R37772; Hs.21420; p21-activated protein kinase 6; pkinase,PBD; TM=M;SS=N; 3.21  
 424618; L29472; Hs.1802; major histocompatibility complex, class ; ig,MHC\_II\_beta; TM=Y;SS=M; 3.20  
 438584; AA381553; Hs.198253; major histocompatibility complex, class ; ig,MHC\_II\_alpha,none; 3.20  
 456161; L36463; Hs.1030; ras inhibitor, RA,SH2,VPS9; TM=M;SS=N; 3.20  
 418613; AA744529; Hs.86575; mitogen-activated protein kinase kinase ; pkinase,CNH; TM=M;SS=N; 3.19  
 440682; AW962152; Hs.27181; nuclear receptor binding factor-2; cyclin,bZIP; TM=M;SS=N; 3.18  
 415010; NM\_004203; Hs.77783; membrane-associated tyrosine- and threon; ank,pkinase,UPF0073; 3.16  
 419216; AU076718; Hs.164021; small inducible cytokine subfamily B (C; IL8; 3.16  
 450737; AW007152; Hs.63325; transmembrane protease, serine 4; trypsin,ldl\_recep\_L,none; 3.16  
 426395; BE151985; Hs.355669; hypothetical protein FLJ23316; pkinase,none; 3.15  
 412939; AW411491; Hs.75069; eukaryotic translation elongation factor; none,none; 3.15  
 433376; AI249361; Hs.74122; caspase 4, apoptosis-related cysteine pr; CARD,JCE\_p10,JCE\_p20; 3.15  
 410668; BE379794; Hs.159651; hypothetical protein; death,TNFR\_c8; TM=Y;SS=M; 3.15  
 431441; U81981; Hs.2794; sodium channel, nonvoltage-gated 1 alpha; ASC; TM=Y;SS=N; 3.15  
 432251; AW972863; Hs.232165; polycythemia rubra vera 1; cell surface ; none; TM=M;SS=M; 3.15  
 407844; AW073716; Hs.6037; ESTs; transmembrane4,none; 3.14  
 408834; AW407254; Hs.358216; calmodulin 2 (phosphorylase kinase, del; none,none; 3.14  
 423061; AI290473; Hs.44807; ESTs; Integrin\_B,Sema,P61,TIG,none; 3.14  
 438974; AF088816; Hs.6454; chromosome 19 open reading frame 3; PDZ; 3.13  
 431236; AV656840; Hs.285115; Interleukin 13 receptor, alpha 1; fn3; TM=Y;SS=M; 3.13  
 425394; AA366730; Hs.323949; kargal 1 (suppression of tumorigenicit; transmembrane4,none; 3.13  
 429336; AB005038; Hs.199270; cytochrome P450, subfamily XXVIII (25-hy; p450; 3.13  
 449230; BE613348; Hs.356392; melanoma cell adhesion molecule; Ig,Isoch,Ribosomal\_L6,F-box; TM=Y;SS=M; 3.13  
 429305; AF095727; Hs.287832; myelin protein zero-like 1; ig,transmembrane4; TM=Y;SS=M; 3.12  
 419034; NM\_002110; Hs.89555; hemopoietic cell kinase; SH2,SH3,pkinase; TM=M;SS=N; 3.12  
 417366; AL037228; Hs.301957; D123 gene product; NUDIX,secY,E1\_dehydrog,transket\_pyr; TM=Y;SS=M; 3.11  
 419138; U48508; Hs.89531; ryanodine receptor 1 (skeletal); lon\_trans,SPRY,RYDR,JTPR,RyR,MUR; TM=Y;SS=N; 3.11  
 440006; AK000517; Hs.6844; NALP2 protein; PYRIN-Containing APAF1-I; AAA,NB-ARC,PAAD\_DAPN; NA;NA; 3.10  
 405467; ; Target Exon; ehand,Acytransferase,none; 3.10  
 422958; BE545072; Hs.122579; ECT2 protein (Epithelial cell transform; BRCT,RhoGEF; TM=M;SS=N; 3.10  
 417771; AA804698; Hs.82547; retinoic acid receptor responder (lazar; none,none; 3.09  
 437018; AU076916; Hs.5398; guanine monophosphate synthetase; PHD,SET,zf-CXXC,EGF,ank,notch,WW,FCH,GATase,GMP\_synth,C,Occludin,YEATS,metalothio,EB,heme\_1,ROC1,ZZ,FeThRed\_A,ENTH,Band\_41,HECT; TM=M;SS=N; 3.09



- 441384; AA447849; Hs.288660; retinoic acid induced 3; 7tm\_3,none; 3.09  
 416636; N32536; Hs.42645; solute carrier family 16 (monocarboxylic; none,none; 3.09  
 418498; U33632; Hs.79351; potassium channel, subfamily K, member 1; ion\_trans; TM=Y;SS=M; 3.09  
 426108; AA622037; Hs.166468; programmed cell death 5; DUF122; TM=M;SS=N; 3.08  
 414806; D14694; Hs.77329; phosphatidylserine synthase 1; PSS; TM=Y;SS=M; 3.08  
 402233; ; NM\_030760; Homo sapiens endothelial diff; 7tm\_1; TM=Y;SS=M; 3.07  
 430066; A1929659; Hs.237825; signal recognition particle 72kD; TPR, AIRC, SAICAR\_synth; 3.07  
 425367; BE271188; Hs.155975; protein tyrosine phosphatase, receptor t; none; TM=M;SS=Y; 3.06  
 434263; N34895; Hs.79187; ESTs; ig,none; 3.06  
 443907; A1076484; Hs.9963; TYRO protein tyrosine kinase binding pro; none; TM=M;SS=Y; 3.05  
 408378; U42387; Hs.54426; pancreatic polypeptide receptor 1; 7tm\_1; TM=Y;SS=M; 3.05  
 410165; BE560228; Hs.71889; apoptosis-associated speck-like protein; PAAD, DAPIN, CARD; TM=M;SS=N; 3.05  
 440270; NM\_015985; Hs.7120; cytokine receptor-like molecule 9; fn3; 3.05  
 449003; X76342; Hs.389; alcohol dehydrogenase 7 (class IV); mu o; adh\_zinc; TM=M;SS=N; 3.05  
 420189; AW298380; Hs.95821; osteoclast stimulating factor 1; SH3,ank; 3.05  
 429732; U20158; Hs.2488; lymphocyte cytosolic protein 2 (SH2 dom; SH2; 3.05  
 421541; NM\_003942; Hs.105584; ribosomal protein S6 kinase, 90kD, polyp; pkinase, pkinase\_C; TM=M;SS=N; 3.04  
 415444; BE247295; Hs.78452; solute carrier family 20 (phosphate trans; PHO4, LIM; TM=M;SS=N; 3.03  
 425118; A1076611; Hs.154572; methylene tetrahydrofolate dehydrogenase; myb\_DNA-binding, THF, DHG\_C, THF, DHG\_C, CAP\_GLY, AAA, LON, Peptidase, C9, bZIP, M, xan\_ur\_parnasease, HCO3\_cotransp; TM=M;SS=N; 3.03  
 449048; Z45051; Hs.22920; similar to S68401 (cattle) glucose induc; Lamp; TM=M;SS=M; 3.03  
 413889; NM\_000876; Hs.75596; interleukin 2 receptor, beta; none; TM=Y;SS=M; 3.02  
 442875; BE623003; Hs.23625; Homo sapiens clone TCCCTA00142 mRNA sequ; K\_tetra, DUF51, none; 3.02  
 436576; A1458213; Hs.77542; ESTs; 7tm\_1, DnaJ; 3.02  
 446269; AW263155; Hs.14559; hypothetical protein FLJ10540; none; TM=M;SS=N; 3.02  
 418870; AF147204; Hs.89414; chemokine [C-X-C motif], receptor 4 (fus; 7tm\_1, 7tm\_2; TM=Y;SS=M; 3.01  
 421379; Y15221; Hs.103982; small inducible cytokine subfamily B (Cy; IL8; TM=M;SS=Y; 3.00  
 421267; BE314724; Hs.103081; ribosomal protein S6 kinase, 70kD, polyp; pkinase, pkinase\_C; TM=M;SS=N; 3.00  
 409705; M37762; Hs.56023; brain-derived neurotrophic factor; NGF; 2.99  
 429903; AL134197; Hs.93597; cyclin-dependent kinase 5, regulatory su; CDK5\_activator, none; 2.99  
 430696; AAS31276; Hs.59509; ESTs; pkinase, PP2C, none; 2.98  
 418299; AA279530; Hs.83966; integrin, beta 2 (antigen CD18 (p95), ly; Integrin\_B, EGF, PSI; TM=Y;SS=M; 2.97  
 410026; A1912061; Hs.55016; hypothetical protein FLJ21935; none, none; 2.97  
 448733; NM\_005629; Hs.187958; solute carrier family 6 (neurotransmitter; SNF; TM=Y;SS=N; 2.97  
 432562; BE531048; Hs.278422; DKFZP586G1122 protein; zf-C2H2; TM=M;SS=N; 2.97  
 453035; AW581943; Hs.334; Rho guanine nucleotide exchange factor (f; none, none; 2.97  
 427315; AA179949; Hs.175563; Homo sapiens mRNA; cDNA DKFZp564N0763 (f; none, spectrin, SH3, PH, CH; 2.97  
 431941; AK000106; Hs.272227; Homo sapiens cDNA FLJ20099 fis, clone CO; pkinase, Furin-like, Recep\_L\_domain, none; 2.96  
 441388; AF134838; Hs.7835; endocytic receptor (macrophage mannose r; fn2, lectin\_c; TM=Y;SS=M; 2.95  
 412276; BE262521; Hs.73798; macrophage migration inhibitory factor (f; MIF, sugar, Jr, none; 2.94  
 427359; AW020762; Hs.79881; Homo sapiens cDNA: FLJ23006 fis, clone L; 7tm\_1, none; 2.94  
 402558; ; CC000201; g014416[gb]AA02627.1 (L0519; none; TM=Y;SS=M; 2.94  
 425852; AK001504; Hs.158651; death receptor 6, TNF superfamily member; death, TNFR\_c6; TM=Y;SS=M; 2.94  
 442080; AW444761; Hs.72801; ESTs; ank; 2.94  
 450447; AF212223; Hs.25010; hypothetical protein P15-2; NTF2; TM=M;SS=N; 2.93  
 444809; BE207568; Hs.208219; oculostatin; transmembrane4; TM=Y;SS=N; 2.93  
 449843; R85337; Hs.24030; solute carrier family 31 (copper transp; none; TM=Y;SS=M; 2.93  
 416110; Z42262; Hs.322844; hypothetical protein DKFZp564A176; Sema, PSI, TK, integrin\_B; TM=Y;SS=M; 2.93  
 453768; BE382670; Hs.198511; Homo sapiens mRNA; cDNA DKFZp761H177 (f; ar, G-alpha, none; 2.92  
 414825; X08370; Hs.77432; epidermal growth factor receptor (avian; Furin-like, pkinase, Recep\_L\_domain; TM=M;SS=M; 2.92  
 421429; NM\_014822; Hs.104305; death effector filament-forming Ced-4-li; LRR, PAAD, DAPIN, AAA, CARD, NB-ARC; NA; NA; 2.92  
 434826; AF155651; Hs.22265; pyruvate dehydrogenase phosphatase; PP2C, none; 2.91  
 451292; AB037718; Hs.26204; KIAA1295 protein; SH3; TM=M;SS=N; 2.91  
 422127; AW504286; Hs.112049; SET binding factor 1; dENN, DENN, GRAM, PH; 2.91  
 419508; AW997938; Hs.90786; ATP-binding cassette, sub-family C (CFTR; ABC\_tran, ABC\_membrane; TM=Y;SS=M; 2.90  
 430451; AA838472; Hs.297939; calhepsin B; Peptidase\_C1, pro\_isomerase; 2.90  
 424046; AF022766; Hs.138202; serine (or cysteine) proteinase inhibitor; serpin; TM=M;SS=N; 2.89  
 414907; X90725; Hs.77697; polo (Drosophila)-like kinase; Ribosomal\_L37ae, pkinase, POLO\_box, tRNA-synL1b, dynamin, dynaminL2, GED, bZIP, M; 2.89  
 429619; AL120751; Hs.211568; eukaryotic translation initiation factor; none, none; 2.89  
 413879; AA132951; Hs.212633; Homo sapiens cDNA: FLJ22572 fis, clone H; none, none; 2.89  
 417018; M16038; Hs.80887; v-yes-1 Yamaguchi sarcoma viral related; SH2, SH3, pkinase; TM=M;SS=N; 2.89  
 422610; AF153820; Hs.1547; potassium inwardly-rectifying channel, s; IRK; TM=Y;SS=N; 2.89  
 405556; ; homeodomain-interacting protein kinase 3; trypsin; TM=M;SS=N; 2.89  
 423904; AW403448; Hs.1706; interferon-stimulated transcription fact; IRF, zf-C3HC4, IIR, zf-RanBP; TM=M;SS=N; 2.89  
 425262; D67119; Hs.155418; GS3955 protein; pkinase; 2.88  
 422559; BE387202; Hs.118638; non-metastatic cells 1, protein (NM23A); NDK, PH, Oxysterol\_BP; 2.88  
 452888; AW956464; Hs.30942; ephrin-B2; Ephrin, fn2; TM=Y;SS=M; 2.88  
 414703; BE243877; Hs.380063; ATPase, Na2 transporting, beta 3 polypep; Na\_K-ATPase; TM=Y;SS=M; 2.87  
 444143; AW747999; Hs.160999; ESTs, Moderately similar to A56194 throm; Bcl-2, none; 2.86  
 413472; BE242870; Hs.75379; solute carrier family 1 (glut high aff; SDF; TM=Y;SS=M; 2.86  
 458039; AA835884; Hs.130685; leukotriene b4 receptor (chemokine recep; CIDE-N, none; 2.86  
 434417; AL110157; Hs.3843; Homo sapiens mRNA; cDNA DKFZp586F2224 (f; DSPc, none; 2.86  
 425802; Y14838; chemokine-like receptor 1; 7tm\_1, none; 2.86  
 403112; ; Target Exon; ethanol, C2, PH, PI-PLC-X; 2.86  
 435563; AF210317; Hs.95497; solute carrier family 2 (facilitated glu; sugar, tr; TM=Y;SS=N; 2.85  
 442171; AW664984; Hs.128899; ESTs; hypothetical protein for IMAGE:447; none, none; 2.84  
 457819; AA057484; Hs.35406; FLJ20522 Hypothetical protein FLJ20522; none, none; 2.84  
 456629; AW891965; Hs.367942; histone deacetylase 3; HSP90, HATPase\_c, zf-C2H2, PHD, none; 2.83  
 408873; AL045017; Hs.356216; calmodulin 2 (phosphorylase kinase, delt; none, none; 2.83  
 446947; AF146747; Hs.232165; polycythemia rubra vera 1; cell surface; none; TM=M;SS=M; 2.83  
 448386; AB037750; Hs.21061; KIAA1329 protein; PKD, BNR; TM=Y;SS=M; 2.82  
 427857; AL133017; Hs.288679; hypothetical protein FLJ22865; myosin\_head, IQ, zf-MYND; TM=M;SS=M; 2.82  
 407601; AC002300; Hs.37129; sodium channel, nonvoltage-gated 1, beta; ASC; TM=Y;SS=M; 2.82



- 459707; AA631362; Hs.120856; gb:np86b01.a1 NC1\_CGAP\_Thy1 Homo sapiens; 7m\_1:none; 2.82  
 422699; BE410590; Hs.119257; rms1 sequence (mammary tumor and squamous); SH3,HS1\_rep;TM=M;SS=N; 2.82  
 438108; A1471795; Hs.287776; vanilloid receptor-related osmotically s; ank,ion\_trans;TM=Y;SS=N; 2.82  
 422241; Y00062; Hs.170121; protein tyrosine phosphatase, receptor t; kinesin,fn3,Y\_phosphatase;TM=M;SS=N; 2.82  
 448595; AB014544; Hs.21572; KIAA0644 gene product; LRR,LRRCT;TM=Y;SS=M; 2.81  
 423598; BE247600; Hs.377956; ESTs; 7m\_1;TM=Y;SS=M; 2.81  
 412970; AB026436; Hs.177534; dual specificity phosphatase 10; Rhodanese,DSPc; 2.81  
 414198; AW505308; Hs.75812; phosphoenolpyruvate carboxykinase 2 (mit; PEPCk; 2.81  
 436729; BE621807; Hs.351316; transmembrane 4 superfamily member 1; none;TM=Y;SS=M; 2.81  
 432314; AA533447; Hs.285173; ESTs; Xlink;none; 2.81  
 416207; NM\_014745; Hs.79077; Homo sapiens, clone MGC:2908, mRNA, comp; none;TM=Y;SS=M; 2.80  
 445985; AL038704; Hs.156827; ESTs, Weakly similar to ALU1\_HUMAN ALU S; SAM,SH3,HS1\_rep; 2.80  
 428023; AL036843; Hs.374530; Homo sapiens cDNA: FLJ23602 fis, clone L; aa\_permeases,pyridoxal\_deC, bromodomain, PHD,MBD,AT\_hook,DDT,PI3\_PI4\_kinase,FAT,FATC,BolA,RUN;TM=M;SS=N; 2.80  
 432866; BE159028; Hs.279704; chromatin accessibility complex 1; none;TM=M;SS=N; 2.80  
 426008; R49031; Hs.22627; ESTs; pkinase,TBC; 2.79  
 414217; A1308298; Hs.278998; Homo sapiens cDNA: FLJ23165 fis, clone L; none;NA;NA; 2.79  
 411165; NM\_000169; Hs.69089; galactosidase, alpha; Melibiose; 2.79  
 450056; BE047394; Hs.502; ESTs, Weakly similar to S71512 hypothetical; ABC\_tran,ABC\_membrane,lg,MHC\_JI\_bela,SRP54,proteasome,ABC\_membrane,ABC\_tran; 2.78  
 424291; AA120051; Hs.144700; ephrin-B1; Ephrin;TM=Y;SS=M; 2.78  
 421448; AF033850; Hs.104519; phospholipase D2; PH,PLDc,PX;TM=M;SS=N; 2.78  
 410226; A1831956; Hs.61053; hypothetical protein; SH3,TPR;TM=M;SS=N; 2.78  
 433533; AF111106; Hs.3382; protein phosphatase 4, regulatory subunit; HEAT;TM=M;SS=N; 2.78  
 442503; AF147078; Hs.375031; p53-responsive gene 5; K\_tetra,ion\_trans;none; 2.77  
 413900; AW409747; Hs.75612; stress-induced-phosphoprotein 1 (Hsp70H); TPR,PDZ,WW,Guanylate\_kin;TM=M;SS=N; 2.77  
 454294; AB000734; Hs.50640; JAK binding protein; SH2;TM=M;SS=N; 2.77  
 440188; AK001812; Hs.7036; N-Acetylglucosamine kinase; ROK;TM=M;SS=N; 2.77  
 449539; W80363; Hs.58446; ESTs; pkinase,Furin-like,Recep\_L\_domain;none; 2.76  
 422667; H25542; Hs.132821; ESTs; FMO-like,FMO-like; 2.76  
 415012; NM\_004383; Hs.77793; c-src tyrosine kinase; SH2,SH3,pkinase;TM=M;SS=N; 2.76  
 402318; ; NM\_013447;Homo sapiens egf-like module c; 7m\_2,GPS;TM=M;SS=M; 2.75  
 425465; L18954; Hs.1804; protein kinase C, iota; pkinase,DAG\_PE-bind,pkinase\_C,OPR;TM=M;SS=N; 2.75  
 447250; A1878939; Hs.17883; protein phosphatase 1G (formerly 2C); ma; PP2C;TM=M;SS=N; 2.75  
 438629; A187380; Hs.257170; ESTs, Weakly similar to T12515 hypothetical; TNFR\_c6;none; 2.75  
 451144; AW956103; Hs.61712; pyruvate dehydrogenase kinase, isoenzyme; HATPase\_c;none; 2.74  
 408543; N78098; Hs.44289; ESTs; none;TM=M;SS=N; 2.74  
 429345; R11141; Hs.199695; hypothetical protein; K\_tetra,SAM; 2.74  
 407722; BE252241; Hs.38041; pyridoxal (pyridoxine, vitamin B6) kinase; ptkB;TM=M;SS=N; 2.73  
 420502; AF080877; Hs.99236; regulator of G-protein signalling 20; RGS;TM=M;SS=N; 2.73  
 407217; AA477136; Hs.105584; ribosomal protein S6 kinase, 90kD, polyp; pkinase,pkinase\_C;TM=M;SS=N; 2.73  
 414135; NM\_004419; Hs.2128; dual specificity phosphatase 5; Rhodanese,DSPc,Y\_phosphatase;TM=M;SS=N; 2.73  
 410590; BE615216; Hs.64745; chloride intracellular channel 3; none;TM=M;SS=N; 2.73  
 411125; AA151647; Hs.68877; cytochrome b-245, alpha polypeptide; none;TM=Y;SS=M; 2.73  
 438022; AW517524; Hs.135201; NOD2 protein; LRR,CARD,GTP\_CDC,Viral\_helicase1;TM=M;SS=N; 2.72  
 420929; A1694143; Hs.325248; programmed cell death 4; MA3;TM=M;SS=N; 2.72  
 421155; H78879; Hs.102257; lysyl oxidase; Lysyl\_oxidase,Aldose\_epim,Epimerase; 2.72  
 448564; AL044952; Hs.21453; inositol 1,4,5-bisphosphate 3-kinase C; IPK; 2.71  
 449961; AW266634; Hs.133100; ESTs; pkinase,Furin-like,Recep\_L\_domain;none; 2.71  
 444633; AF111713; Hs.12284; junctional adhesion molecule 1; ig;TM=Y;SS=M; 2.71  
 412253; A1580292; Hs.279909; protein phosphatase 2 (formerly 2A); reg; WD40;TM=M;SS=N; 2.71  
 419569; A1971651; Hs.91143; jagged 1 (Alagille syndrome); DSL,EGF,laminin\_EGF\_wc,metal1No;TM=M;SS=M; 2.71  
 452401; NM\_007115; Hs.29352; tumor necrosis factor, alpha-induced pro; Xlink,CUB; 2.71  
 458190; BE561793; Hs.21446; KIAA1716 protein; ASC,Galactosyl\_T;none; 2.70  
 432128; AA865239; Hs.37196; ESTs; 7m\_1;TM=Y;SS=M; 2.70  
 422616; BE300330; Hs.118725; selenophosphate synthetase 2; AIRS,AIRS\_C;TM=M;SS=N; 2.70  
 424717; H03754; Hs.152213; wingless-type MMTV Integration site fam; wnt;none; 2.70  
 414108; A187592; Hs.75761; SFRS protein kinase 1; ank,PH,Oxysterol\_BP,pkinase;TM=M;SS=N; 2.70  
 446272; BE268912; Hs.14601; hematopoietic cell-specific Lyn substrat; SH3,HS1\_rep;TM=M;SS=N; 2.70  
 416084; L16991; Hs.79005; deoxythymidylate kinase (thymidylate kin; none;none; 2.69  
 427157; U51166; Hs.173824; thymine-DNA glycosylase; UDG;TM=M;SS=N; 2.69  
 404891; ; Target Exon; none;none; 2.69  
 432581; AU078485; Hs.278441; KIAA0015 gene product; PP2C;TM=M;SS=N; 2.69  
 424321; W74048; Hs.1765; lymphocyte-specific protein tyrosine kin; SH2,SH3,pkinase;TM=M;SS=N; 2.68  
 425308; M87639; Hs.155585; receptor tyrosine kinase-like orphan rec; lg,kifingle,pkinase,Fz;TM=Y;SS=M; 2.68  
 414443; AU077268; Hs.76144; platelet-derived growth factor receptor.; lg,pkinase;TM=Y;SS=N; 2.68  
 427274; NM\_005211; Hs.174142; colony stimulating factor 1 receptor, fo; ig,pkinase;TM=Y;SS=M; 2.68  
 436856; A1469355; Hs.127310; ESTs; pkinase,rm;TM=M;SS=N; 2.68  
 437429; H79681; Hs.6613; Homo sapiens mRNA; cDNA DKFZps84E2222 (f; SH2,SH3,BTB; 2.67  
 450590; AA296896; Hs.333418; FXYD domain-containing ion transport reg; ATP1G1\_PLM\_MATE;TM=Y;SS=M; 2.67  
 452059; AB028949; Hs.183994; KIAA1026 protein; Metallophos;TM=M;SS=N; 2.67  
 445330; R52656; Hs.21691; ESTs; 7m\_1;none; 2.67  
 452698; NM\_001295; Hs.301921; chemokine (C-C motif) receptor 1; 7m\_1;TM=Y;SS=M; 2.67  
 419754; H52299; Hs.308467; Homo sapiens mRNA; cDNA DKFZps86I0523 (f; none;TM=M;SS=N; 2.67  
 434237; AF119908; Hs.235516; hypothetical protein PRO2955; none; 2.67  
 445826; BE313754; Hs.13350; Homo sapiens mRNA; cDNA DKFZps86D0918 (f; lg,tp\_1,ZUS,Nucleoside\_tran; 2.66  
 446695; AF279285; Hs.298476; solute carrier family 26, member 6; Sulfate\_transp,STAS,xan\_ur\_permease;TM=Y;SS=N; 2.66  
 439750; AL359053; Hs.57564; Homo sapiens mRNA full length insert cDN; IMPDH\_C,IMPDPH\_N,CBS,Integrin\_B,Ridn\_B\_lectin; 2.66  
 413745; AW247252; Hs.75514; nucleoside phosphorylase; Mtap\_PNP; 2.66  
 429083; Y09397; Hs.227817; BCL2-related protein A1; Bcl-2;TM=M;SS=N; 2.66  
 449523; NM\_000579; Hs.54443; chemokine (C-C motif) receptor 5; 7m\_1;TM=Y;SS=M; 2.66  
 448030; A1365582; Hs.67100; Homo sapiens mRNA for FLJ00016 protein, ; transmembrane4;TM=Y;SS=M; 2.66  
 434978; A1953054; Hs.89643; transketolase (Wernicke-Korsakoff syndro; ASC,transketolase,transket\_pyr,transketolase\_C,pkinase; 2.66  
 406137; ; NM\_000179;Homo sapiens mu1S (E. coli) h; Mu1S\_C,PWWP,Mu1S\_N;TM=M;SS=N; 2.66

- 412935; BE267045; Hs.75064; tubulin-specific chaperone c; none; 2.66  
 408833; AW963372; Hs.222088; PRO2000 protein; bromodomain,AAA,Sigma54\_activat; 2.66  
 412817; AL037159; Hs.74619; proteasome (prosome, macropain) 26S subu; PC\_rep; TM=M;SS=N; 2.66  
 452682; AA456193; Hs.374574; progesterone membrane binding protein; homeobox; none; 2.65  
 401752; ; RAN binding protein 3; SH2,STAT,STAT\_bind,STAT\_prot,ion\_trans,PAC,PAS,Orexin; 2.65  
 450747; AI064821; Hs.129953; ESTs, Highly similar to 1818357A EWS gen; mm,zf-RanBP,GAS2; 2.65  
 425776; U25128; Hs.159499; parathyroid hormone receptor 2; 7tm\_2,HRM; TM=Y;SS=M; 2.64  
 452701; NM\_005110; Hs.30332; glutamine-fructose-6-phosphata transamin; GATase\_2,SIS; TM=M;SS=N; 2.64  
 433933; AI754389; Hs.355397; Homo sapiens clone TCCCIA00164 mRNA sequ; none;NA;NA; 2.64  
 421677; H64092; Hs.38282; ESTs; A1pp,Armadoilo\_seg,IBB; 2.64  
 436469; AK001455; Hs.5198; Down syndrome critical region gene 2; none; 2.64  
 423198; M81933; Hs.1634; cell division cycle 25A; Rhodanase; none; 2.64  
 435905; AW997484; Hs.5003; KIAA0456 protein; SH3,RhoGAP,FCI; TM=M;SS=N; 2.64  
 437712; XD4588; Hs.85844; neurotrophic tyrosine kinase, receptor; Tropomyosin,pkinase,LRR,LRRCT,Hydantoinase\_B,Hydantoinase\_A; TM=M;SS=N; 2.63  
 458946; AA009716; Hs.42311; ESTs; none,DSPc,Y\_phosphatase; 2.63  
 447217; BE465754; Hs.17778; neuropilin 2; CUB,MAM,F5\_F8\_type\_C; TM=M;SS=M; 2.63  
 445462; AA378776; Hs.288649; hypothetical protein MGC3077; none; 2.63  
 425075; AA506324; Hs.1852; acid phosphatase, prostate; acid\_phosphat; TM=Y;SS=M; 2.63  
 405568; ; NM\_000299; Homo sapiens plakophilin 1 (a; Armadillo\_seg; TM=M;SS=N; 2.63  
 438330; AW450572; Hs.257316; ESTs; pkinase,zf-C4,ERM,CNH; none; 2.63  
 448243; AW369771; Hs.367688; Integrin, beta 8; Integrin\_B; none; 2.63  
 452012; AA307703; Hs.279766; kinesin family member 4A; kinesin,DNA\_topoisolv,K-box; TM=M;SS=N; 2.63  
 412182; AA205588; Hs.73737; Splicing factor, arginine/serine-rich, 4; mm,homona\_rec,zf-C4,sugar\_tr; 2.63  
 423887; AL080207; Hs.134585; DKFZP434G232 protein; ABC\_tran; TM=Y;SS=N; 2.63  
 417497; AW402482; Hs.82212; CD53 antigen; transmembrane4; TM=Y;SS=M; 2.62  
 413407; AI356293; Hs.75339; inositol polyphosphate phosphatase-like; SH2,SAM,Exo\_endo\_phos; 2.62  
 414998; NM\_002543; Hs.77729; oxidised low density lipoprotein (lectin; lectin\_c; TM=Y;SS=M; 2.62  
 417880; BE241595; Hs.82848; selectin L (lymphocyte adhesion molecule; EGF,lectin\_c,sushi; TM=M;SS=M; 2.62  
 429922; Z97630; Hs.226117; H1 histone family, member 0; linker\_histone; TM=M;SS=N; 2.62  
 401812; ; sorting nexin 14; AAA,NB-ARC,APS\_kinase,cdc48\_N,cdc48\_2; none; 2.61  
 417886; AA214584; ; ESTs; SPRY,7tm\_3,ANF\_receptor; none; 2.61  
 457570; AF119666; Hs.23449; Insulin receptor tyrosine kinase subunit; SH3; TM=M;SS=N; 2.61  
 428512; AI018187; Hs.375624; Human DNA sequence from clone RP11-243J1; none; 2.61  
 426746; J03626; Hs.2057; uridine monophosphate synthetase (coral; Pribosyltran,OMPdecase; TM=M;SS=N; 2.61  
 454042; H22570; Hs.47860; hypothetical protein FLJ20093; ig.pkinase,LRR,LRRNT,LRRCT; none; 2.61  
 421077; AK000061; Hs.101590; hypothetical protein; ank,pkinase,death,SPRY,SAP,Ribosomal\_L24a,SRP54,dDENN,DENN,uDENN; TM=M;SS=N; 2.60  
 420162; BE378432; Hs.95577; cyclin-dependent kinase 4; pkinase; TM=M;SS=N; 2.60  
 416661; AA634543; Hs.79440; IGF-II mRNA-binding protein 3; KH-domain; mm; TM=M;SS=N; 2.60  
 417821; BE245149; Hs.82643; protein tyrosine kinase 9; coiflin\_ADF; 2.60  
 411133; AW819204; ; gb; CM1-ST0283-071299-061-h03 ST0283 Homo; ANF\_receptor; none; 2.60  
 405602; ; Target Exon; pkinase; 2.60  
 400440; X83957; Hs.83970; nebulin; SH3,Nebulin; 2.60  
 424848; AI263231; Hs.327090; EST; SH3,PDZ,Guanylate\_kin; none; 2.59  
 432268; BE311858; Hs.274230; 3'-phosphoadenosine 5'-phosphosulfate sy; APS\_kinase,ATP-sulphyrase; TM=M;SS=N; 2.59  
 452690; AI536070; Hs.15085; ESTs; pou,homeobox,lig\_chan,ANF\_receptor; 2.59  
 422753; AI928995; Hs.1575; small nuclear ribonucleoprotein D3 polyp; Sm; 2.59  
 428028; U52112; Hs.182018; interleukin-1 receptor-associated kinase; death,pkinase; TM=M;SS=N; 2.58  
 433573; AF234887; Hs.57652; cadherin, EGF LAG seven-pass G-type recs; 7tm\_2,EGF,cadherin,laminin\_EGF,laminin\_G,Trypen\_glycop,GPS,HRM; TM=Y;SS=M; 2.58  
 422785; AI824114; Hs.289088; heat shock 90kD protein 1, alpha; zf-C2H2; none; 2.58  
 418685; U76376; Hs.67247; haxak1; BCL2-interacting protein (cont; none; TM=M;SS=M; 2.58  
 452328; N36628; Hs.29108; mitogen-activated protein kinase phosphat; DSPc; TM=M;SS=N; 2.58  
 428405; Y00762; Hs.2268; cholinergic receptor, nicotinic, alpha pr; Neur\_chan\_LBD,Neur\_chan\_membr; TM=Y;SS=M; 2.58  
 421251; Z28913; Hs.102948; erigma (LIM domain protein); LIM,PDZ; 2.57  
 407245; X90568; Hs.172004; Gln; tn3,ig,SGXSG,pkinase; TM=M;SS=N; 2.57  
 422309; U79745; Hs.114924; solute carrier family 18 (monocarboxylic; sugar\_tr; TM=Y;SS=M; 2.57  
 401751; ; RAN binding protein 3; Orexin,SH2,STAT,STAT\_bind,STAT\_prot,ion\_trans,PAC,PAS; none; 2.57  
 447887; AA114050; Hs.211810; caspase 8, apoptosis-related cysteine pr; ICE\_p10,ICE\_p20,DED; TM=M;SS=N; 2.57  
 422282; AF019225; Hs.114309; apolipoprotein L; MoA\_ExcB; TM=Y;SS=M; 2.57  
 439863; BE547830; Hs.375208; paired immunoglobulin-like receptor beta; lipoygenase,PLAT,lipoygenase,PLAT; 2.57  
 425743; BE396495; Hs.159428; BCL2-associated X protein; Bcl-2; TM=Y;SS=N; 2.57  
 401218; ; eukaryotic translation elongation factor; ion\_trans; TM=Y;SS=N; 2.57  
 412773; H15785; Hs.74573; similar to vaccinia virus HindIII K4L OR; PLDC; TM=M;SS=N; 2.57  
 444743; AA045648; Hs.301857; nudix (nucleoside diphosphate linked moi; NUDIX,sacY,E1\_dehydrog,transke\_Lpyr; TM=Y;SS=M; 2.56  
 429782; NM\_005754; Hs.220689; Ras-GTPase-activating protein SH3-domain; mm,NTF2; TM=M;SS=N; 2.56  
 442994; AI026718; Hs.16954; ESTs; ank,pkinase,death,Ribosomal\_S14; 2.56  
 456602; AA411607; Hs.118964; ESTs, Weakly similar to KIAA1150 protein; none,pkinase; 2.56  
 422846; BE513934; Hs.1563; neutrophil cytosolic factor 1 (47kD, chr; SH3,PX; TM=M;SS=N; 2.56  
 441699; AW511128; Hs.127572; ESTs; none,Aa\_trans; 2.56  
 447912; AW576549; Hs.165728; ESTs, Weakly similar to I38022 hypotheti; none,GSHPr,ABC\_tran; 2.56  
 442945; AI024849; Hs.131853; ESTs; pkinase; none; 2.56  
 453199; AI336260; Hs.32353; mitogen-activated protein kinase kinase; pkinase; TM=M;SS=N; 2.56  
 451477; AI798425; Hs.42710; ESTs; SH3; none; 2.56  
 415091; AL044872; Hs.77910; 3-hydroxy-3-methylglutaryl-Coenzyme A sy; HMG\_CoA\_synt; 2.55  
 413529; U11874; Hs.846; interleukin 8 receptor, beta; 7tm\_1; TM=Y;SS=N; 2.55  
 425345; AU077297; Hs.155894; protein tyrosine phosphatase, non-recept; Y\_phosphatase,DSPc; TM=M;SS=M; 2.55  
 401321; ; receptor tyrosine kinase-like orphan rec; none; TM=M;SS=N; 2.55  
 446993; AA151520; Hs.351416; hypothetical protein MGC4485; none; none; 2.55  
 401057; ; eukaryotic translation elongation factor; ion\_trans,IQ; TM=Y;SS=N; 2.55  
 414509; AW161311; Hs.76294; CD63 antigen (melanoma 1 antigen); transmembrane4; TM=Y;SS=M; 2.55  
 408204; AA454501; Hs.435680; protein tyrosine phosphatase type IVA, m; Y\_phosphatase; TM=M;SS=N; 2.54  
 424539; I02911; Hs.150402; Activin A receptor, type I (ACVR1) (ALK; pkinase,Activin\_rec; TM=M;SS=M; 2.54  
 459060; H89244; Hs.303627; heterogenous nuclear ribonucleoprotein; mm,pkinase; TM=M;SS=N; 2.54  
 450167; AA446404; Hs.24553; NTF2-related export protein 1; NTF2; TM=M;SS=N; 2.54

- 425966; NM\_001761; Hs.1973; cyclin F; cyclin F-box, cyclin\_C; TM=M; SS=N; 2.54  
 446666; H95741; Hs.17914; membrane-spanning 4-domains, subfamily A; none; TM=Y; SS=M; 2.54  
 412834; R77123; Hs.79881; Homo sapiens cDNA: FLJ23006 fs, clone L; 7tm\_1; none; 2.54  
 457255; AL133011; Hs.253920; Homo sapiens mRNA; cDNA DKFp434P201 (fr; none; none; 2.54  
 431341; AA307211; Hs.251531; proteasome (prosome, macropain) subunit; proteasome; TM=M; SS=N; 2.53  
 417331; AW411297; Hs.81972; SHC (Src homology 2 domain-containing) t; SH2, PID, zif-C2H2, SCAN, AMP-binding, KRAB; TM=M; SS=N; 2.53  
 414570; Y00285; Hs.76473; Insulin-like growth factor 2 receptor, fn2, C1MR; TM=M; SS=M; 2.53  
 444836; AV651680; Hs.208558; ESTs; integrin\_A, FG-GAP; none; 2.53  
 422609; Z46023; Hs.118721; sialidase 1 (lysosomal sialidase); BNR, SH2, SH3, pkinase; TM=Y; SS=M; 2.53  
 450293; AL041949; Hs.24756; hepatocyte growth factor-regulated tyros; none; none; 2.53  
 400702; ; Target Exon; lig\_chan, SBP\_bac\_3, ANF\_receptor; TM=Y; SS=M; 2.53  
 432336; NM\_002759; Hs.274382; protein kinase, Interferon-inducible dou; dsrm, pkinase; TM=M; SS=N; 2.53  
 442643; U82758; Hs.374973; PRP4/STKAWD splicing factor; WD40; 2.52  
 452060; W26980; Hs.349089; ATP-binding cassette, sub-family F (GCM2; ABC\_tran, IRK, SWIB; 2.52  
 443951; F13272; Hs.356835; ferritin, light polypeptide; PMP22, Claudin; none; 2.52  
 428975; NM\_004672; Hs.194694; mitogen-activated protein kinase kinase; pkinase; 2.52  
 407608; AJ928218; Hs.380063; ATPase, Na<sup>+</sup> transporting, beta 3 polypept; none; none; 2.51  
 414482; S57498; Hs.76252; endothelin receptor type A; 7tm\_1; TM=Y; SS=M; 2.51  
 410293; AK000047; Hs.61960; hypothetical protein; K\_tetra; TM=M; SS=N; 2.51  
 429663; M68874; Hs.211587; phospholipase A2, group IVA (cytosolic; C2, PLA2\_B; TM=M; SS=N; 2.51  
 425424; NM\_004954; Hs.157199; ELKL motif kinase; pkinase, UBA, KA; TM=M; SS=N; 2.51  
 457013; AA037145; Hs.172865; cleavage stimulation factor, 3' pre-RNA; WD40; TM=M; SS=N; 2.51  
 439221; AA737106; Hs.32250; ESTs, Moderately similar to I78885 eefin; adh\_short, Bcl-2, BH4; none; 2.51  
 405429; ; Target Exon; Y\_phosphatase; none; 2.51  
 443466; BE243123; Hs.321045; IKK-related kinase epsilon; inducible ik; pkinase, RIO1; TM=M; SS=N; 2.51  
 418478; U38945; Hs.1174; cyclin-dependent kinase inhibitor 2A (me; ank; 2.50  
 408056; AA312329; Hs.42331; ephrin-A4; Ephrin; TM=M; SS=M; 2.50  
 414415; F06829; Hs.76090; tumor necrosis factor, alpha-induced pro; K\_tetra; TM=M; SS=N; 2.50  
 405369; ; NM\_005589; Homo sapiens LIM domain kinase; pkinase, LIM, PDZ; 2.50  
 418216; AA662240; Hs.283098; AF15q14 protein; Hemagglutinin, squash; TM=Y; SS=N; 2.50  
 404321; ; C7001741\*gi2499629[sp]Q63932[MPK2\_MOUSE; none; none; 2.50  
 430900; U91939; Hs.248123; G protein-coupled receptor 25; 7tm\_1; TM=Y; SS=M; 2.49  
 440861; BE244115; Hs.7482; KIAA0682 gene product; rrm, Guanylate\_kin; TM=M; SS=N; 2.49  
 415801; R24219; Hs.278443; Fc fragment of IgG, low affinity IIb, re; lg; TM=Y; SS=N; 2.49  
 418741; H83265; Hs.8881; ESTs, Weakly similar to S41044 chromosome; pkinase, Activin\_rec, pkinase, Activin\_rec; 2.49  
 417034; NM\_006183; Hs.80962; neurotensin; none; 2.49  
 400303; AA242758; Hs.79136; LJV-1 protein, estrogen regulated; none; none; 2.49  
 408805; H69912; Hs.48269; vaccinia related kinase 1; pkinase; TM=M; SS=N; 2.49  
 418255; AW135405; Hs.37251; ESTs; pkinase; none; 2.49  
 424905; NM\_002497; Hs.153704; NIMA (never in mitosis gene a)-related k; pkinase; TM=M; SS=N; 2.44  
 417791; AW965339; Hs.44269; ESTs; none, fer2, FAD\_binding\_5, Akt\_Xan\_dh\_C, fer2\_2, Akt\_Xan\_dh\_C2, CO\_deh flav\_C; 2.44  
 453941; U39817; Hs.36820; Bloom syndrome; DEAD, helicase\_C, HRDC; TM=M; SS=N; 2.41  
 417849; AW291587; Hs.82733; nidogen 2; EGF, tcl\_recept\_L, thyroglobulin\_1; TM=M; SS=M; 2.39  
 408908; BE286227; Hs.250822; serine/threonine kinase 15; pkinase; 2.32  
 428513; BE220806; Hs.184697; plexin C1; PSI; none; 2.31  
 428781; AJ015709; Hs.172089; PORIMIN Pro-oncogene receptor inducing me; none; TM=Y; SS=M; 2.31  
 427585; D31152; Hs.179729; collagen, type X, alpha 1 (Schmid metaph; C1q, Collagen; 2.28  
 412723; AA648459; Hs.335951; hypothetical protein AF301222; none; TM=M; SS=N; 2.28  
 452461; N78223; Hs.108106; transcription factor; zif-C3HCA, ubiquitin, PHD, YDG\_SRA; TM=M; SS=N; 2.26  
 428547; AW009166; Hs.99376; FGENSEH predicted novel secreted protein; none; none; 2.15  
 429486; AF155827; Hs.203963; hypothetical protein FLJ10339; SNF2\_N, helicase\_C; TM=M; SS=N; 2.15  
 401486; ; C4000647\*gi4758508[ref]NP\_004253.1[ai; none; TM=Y; SS=M; 2.15  
 416209; AA238776; Hs.79078; MAD2 (mitotic arrest deficient, yeast, h; HORMA; TM=M; SS=N; 2.14  
 424399; AL905687; Hs.348419; AL905687:IL-BT095-190199-019 BT095 Homo ; none; TM=M; SS=M; 2.14  
 423761; NM\_008194; Hs.132578; paired box gene 9; PAX; TM=M; SS=N; 2.13  
 430670; AF088076; Hs.59507; ESTs, Weakly similar to AC004658 3 U1 sn; none; none; 2.13  
 439318; AW837046; Hs.6527; G protein-coupled receptor 58; 7tm\_2, Cyt\_asm, GPS; TM=Y; SS=M; 2.03  
 445019; AL205540; Hs.281295; ESTs; none; none; 2.00  
 443211; AL128388; Hs.143655; ESTs; none; none; 1.98  
 449448; D60730; Hs.57471; ESTs; none; none; 1.92  
 435243; AW292686; Hs.348992; hypothetical protein dJ43014.3; IRF; none; 1.85  
 406360; ; Target Exon; WD40; TM=M; SS=N; 1.84  
 411388; X72925; Hs.89752; desmocollin 1; cadherin; TM=Y; SS=N; 1.84  
 453102; NM\_007187; Hs.31664; fritzled (Drosophila) homolog 10; Fz, Frizzled, 7tm\_2; TM=Y; SS=M; 1.79  
 419183; U60669; Hs.89663; cytochrome P450, subfamily XXIV (vitamin; p450; 1.78  
 420344; BE463721; Hs.97101; putative G protein-coupled receptor; Methyltransf\_5; TM=Y; SS=M; 1.77  
 432842; AW674093; Hs.334822; hypothetical protein MGC4485; Ribosomal\_L4; TM=M; SS=N; 1.76  
 419743; AW408762; Hs.5957; Homo sapiens clone 24416 mRNA sequence; none; none; 1.73  
 425427; M86699; Hs.169840; TTK protein kinase; pkinase; 1.62  
 437915; AB37993; Hs.202312; Homo sapiens clone N11 NTERA2D1 teratoc; none; none; 1.58  
 433336; AF017886; Hs.31386; secreted fritzled-related protein 2 (str; Fz, NTR; 1.50  
 434377; AW137148; Hs.306593; Intron of perlestin (OSF-2os); Fasciclin; none; 1.47  
 451592; AL806416; Hs.213897; ESTs; none; none; 1.47  
 404927; ; Target Exon; Galactosyl\_T; TM=M; SS=Y; 1.29  
 421552; AF026692; Hs.105700; secreted fritzled-related protein 4; Fz, NTR; 1.27  
 427335; AA448642; Hs.278444; G antigen 7B; none; 1.25  
 431608; M30703; Hs.270833; amphiregulin (schwannoma-derived growth; EGF; TM=Y; SS=M; 1.24  
 447993; AW139525; Hs.170362; ESTs; none; none; 1.21  
 428182; BE386042; Hs.293317; ESTs, Weakly similar to GGC1\_HUMAN G ANT; none; TM=M; SS=N; 1.18  
 453637; NM\_002589; Hs.34073; BH-protocadherin (brain-heart); cadherin; TM=Y; SS=M; 1.14  
 438274; AL918905; Hs.55080; ESTs; PAX; none; 1.14  
 453968; BE148734; Hs.63325; transmembrane protease, serine 4; trypsin, tcl\_recept\_a; none; 1.10  
 413266; AL039079; Hs.75258; regulator of G-protein signalling 1; RGS; TM=M; SS=N; 1.07

429921; AA526911; Hs.82772; collagen, type XI, alpha 1; Collagen,COL11,TSPN, laminin\_G, CorA; 1.00  
452795; AW392555; Hs.18878; hypothetical protein FLJ21620; 2OG-Fell\_Oxy; TM=M; SS=N; 1.00

TABLE 25B

Pkey: Unique Eos probeset identifier number  
CAT number: Gene cluster number  
Accession: Genbank accession numbers

Pkey CAT Number Accession

406685 0\_0 M18728  
418869 12789\_14 AA229762 AA230035  
425802 8884\_3 AA122298 AA360788  
417886 1031334\_1 AA210987 D57294 AA214584 AA207006 D56572  
411133 1070995\_1 AW819203 AW819204 AW819197 AW819202 AW819211 BE158468 AW819221 BE158473 AW819235 AWB19207 AW819220 AWB19208 AWB19238  
AW819198 AW819234

TABLE 25C

Pkey: Unique number corresponding to an Eos probeset  
Ref: Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled "The DNA sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.  
Strand: Indicates DNA strand from which exons were predicted.  
NL\_position: Indicates nucleotide positions of predicted exons.

Pkey	Ref	Strand	NL_position
401781	7249190	Minus	83215-83435,83531-83656,83740-83901,8423
401780	7249190	Minus	28397-28617,28920-29045,29135-29296,2941
401760	9829689	Plus	83126-83250,85320-85540,94719-95287
402075	8117407	Plus	121907-122035,122804-122821,124019-12416
401747	9789672	Minus	118598-118816,119119-119244,119609-11976
404996	6007890	Plus	37999-38145,38652-38998,39727-39872,4055
402447	9798640	Plus	47685-47729,51698-51821,52070-52257,5330
405932	7767812	Minus	123525-123713
406467	9795551	Plus	182212-182958
402233	7690102	Plus	90281-91477
402558	9883760	Plus	19047-19145,21133-21283,33968-34069
405556	1552511	Plus	163497-163623,164715-164968,165369-16550
403112	8980973	Minus	113051-113195
402316	7527774	Minus	10751-10919,18817-19052,22131-22328
404891	7329392	Plus	84974-85125
406137	9166422	Minus	30487-31058
401752	9828651	Plus	144600-144794
405588	5002511	Plus	46180-46368
401812	7407975	Minus	55084-55391
405602	4753260	Plus	44647-44778
401751	9828851	Plus	139165-139322
401218	9928301	Minus	40793-41031
401321	9863631	Minus	104278-104748
401057	8117845	Plus	158309-159238
400702	8118858	Minus	11457-11585,26311-26536,27902-28067,3204
405429	7321905	Minus	51577-51723
405369	2078469	Minus	34183-34367,35686-35751
404321	9665209	Minus	76384-77805
401486	7341783	Plus	32585-32756,36281-36540,40791-40933,4401
406360	9256107	Minus	7513-7673
404927	7342002	Plus	68690-68563

TABLE 26A: 834 GENES UP-REGULATED IN EWING'S SARCOMA COMPARED TO NORMAL ADULT TISSUES

Table 26A lists about 834 genes up-regulated in Ewing's sarcoma compared to normal adult tissues. These were selected from 35403 probesets on the Affymetrix/Eos Hu03 GeneChip array such that the ratio of "average" kidney cancer to "average" normal adult tissues was greater than or equal to 1.5. The "average" kidney cancer level was set to the 75th percentile amongst Ewing sarcomas. The "average" normal adult tissue level was set to the 85th percentile amongst non-malignant tissues. In order to remove gene-specific background levels of non-specific hybridization, the 7.5th percentile value amongst non-malignant tissues was subtracted from both the numerator and the denominator before the ratio was evaluated.

Pkey: Unique Eos probeset identifier number  
ExAccn: Exemplar Accession number, Genbank accession number  
UniGeneID: UniGene number  
UniGene Title: UniGene gene title  
R1: Ratio of Ewing sarcoma to normal tissue

Pkey	ExAccn	UniGeneID	UniGene Title	R1
101447	M21305		gb:Human alpha satellite and satellite 3	38.4
115881	NM_005756	Hs.184942	G protein-coupled receptor 54	34.2
110278	AF061573	Hs.19492	protocadherin 8	32.2
121362	AF060147	Hs.97932	chondromodulin I precursor	30.3
101104	AW862258	Hs.169266	neuropeptide Y receptor Y1	26.3

5	121792	AW969726	Hs.96381	ESTs, Weakly similar to serine protease	24.4
	121619	AA528339	Hs.178062	ESTs, Weakly similar to phosphatidylseri	23.4
	104659	AW969769	Hs.105201	ESTs	20.2
	106533	AL134708	Hs.145998	ESTs	16.9
	124006	AI147155	Hs.270016	ESTs	15.0
10	110728	AA737105	Hs.32250	ESTs, Moderately similar to I78885 serin	14.8
	105782	H09748	Hs.57987	B-cell CLL/lymphoma 11B (zinc finger pro	14.6
	102836	U94320	Hs.158330	neuropeptide Y receptor Y5	14.5
	104691	U29680	Hs.37744	Homo sapiens beta-1 adrenergic receptor	13.7
	121231	AA814948	Hs.96343	ESTs, Weakly similar to ALUC_HUMAN !!!	12.3
15	128526	S69681	Hs.177582	surfactant, pulmonary-associated protein	12.1
	119791	AA554907	Hs.68291	ESTs	11.7
	116301	AW969705	Hs.293332	ESTs	11.2
	123308	C14187	Hs.103538	ESTs	10.9
	127742	AW293496	Hs.180138	ESTs	10.8
20	131601	NM_007115	Hs.29352	tumor necrosis factor, alpha-induced pro	10.7
	127489	AA650250	Hs.272076	ESTs	10.6
	115909	AW872527	Hs.59761	ESTs, Weakly similar to DAP1_HUMAN DEATH	10.6
	101063	D54745	Hs.80247	cholecystokinin	10.6
	134570	U66615	Hs.172280	SWUSNF related, matrix associated, acil	10.5
25	108289	D49493	Hs.2171	growth differentiation factor 10	10.1
	127987	AJ022103	Hs.124511	ESTs	10.1
	131313	R96290	Hs.336629	ribosomal protein L44	9.2
	126789	AW753865	Hs.74376	octactomedin related ER localized protel	8.5
	125847	AW161885	Hs.249034	ESTs	7.0
30	100380	D82343	Hs.18551	neuroblastoma (nerve tissue) protein	6.9
	114637	BE244930	Hs.166895	ESTs	6.6
	123049	BE047880	Hs.211869	diclkopt (Xenopus laevis) homolog 2	6.6
	129977	NM_000389	Hs.1395	early growth response 2 (Krox-20 (Drosop	6.5
	127695	AA714731	Hs.291457	ESTs, Weakly similar to heterogeneous r	6.5
35	125186	AA610820	Hs.181244	major histocompatibility complex, class	6.4
	118844	AA443241	Hs.336629	ribosomal protein L44	6.3
	119717	AA918317	Hs.57987	B-cell CLL/lymphoma 11B (zinc finger pro	6.3
	101879	AA176374	Hs.243886	nuclear autoantigenic sperm protein (his	6.1
	113003	AW292315	Hs.7215	ESTs	5.8
40	126645	AA316181	Hs.61635	six transmembrane epithelial antigen of	5.7
	101050	AU077324	Hs.1832	neuropeptide Y	5.7
	116790	AW161357	Hs.101174	microtubule-associated protein tau	5.5
	116082	AF252297	Hs.91546	cytochrome P450 retnoid metabolizing pr	5.1
	132315	AF091086	Hs.44583	hypothetical protein	5.0
45	126098	M79088		gb:EST01236 Subtracted Hippocampus, Stra	4.9
	126077	M78772	Hs.210835	ESTs	4.7
	126426	AA125984		gb:zn27h06.r1 Stratagene neuroepitheliom	4.6
	131307	NM_000025	Hs.2549	adrenergic, beta-3-, receptor	4.5
	123619	AA602964		gb:nc97c02.s1 NCI_CGAP_Pr2 Homo sapiens	4.4
50	128361	AW172570	Hs.130246	ESTs	4.3
	127003	AW816515	Hs.173540	ATPase, Class V, type 10D	4.3
	100020				4.2
	125565	AB033064	Hs.334806	KIAA1238 protein	4.2
	105316	AJ671245	Hs.24835	hypothetical protein FLJ14594	4.0
55	112268	W93609	Hs.22003	solute carrier family 6 (neurotransmitte	4.0
	106516	AL137311	Hs.234074	Homo sapiens mRNA; cDNA DKFZp761G02121 (	3.9
	128132	AA225632		gb:nc08a07.r1 NCI_CGAP_Pr1 Homo saplens	3.9
	129012	R81936	Hs.336629	ribosomal protein L44	3.9
	125447	AJ582222	Hs.128686	ESTs	3.8
60	134676	W28051	Hs.87819	Homo sapiens, clone MGC:2492, mRNA, comp	3.6
	119040	R02394	Hs.269436	ESTs, Moderately similar to PC4259 ferri	3.6
	128391	AW188325	Hs.170652	ESTs	3.5
	123829	AF251237	Hs.112208	XAGE-1 protein	3.4
	123949	AA621665	Hs.208957	EST	3.4
65	126872	AW450979		gb:UHH-BI3-ala-a-12-0-Uf.s1 NCI_CGAP_Su	3.4
	101266	L36645	Hs.73964	EphA4	3.3
	121309	AA293834	Hs.97312	ESTs	3.3
	130637	AA366764	Hs.17109	integral membrane protein 2A	3.2
	125464	N71807		gb:y228d09.r1 Soares_multiple_sclerosis_	3.2
70	135175	M91463	Hs.95958	solute carrier family 2 (facilitated glu	3.2
	107589	AW664072	Hs.60136	ESTs	3.2
	102681	Y08890	Hs.113503	karyopherin (Importin) beta 3	3.2
	131688	AI935413	Hs.30692	p21 (CDKN1A)-activated kinase 2	3.1
	120147	AJ917116	Hs.155376	hemoglobin, beta	3.1
75	110343	AW136703	Hs.17268	ESTs	3.1
	127684	AA806164	Hs.116502	ESTs	3.0
	103076	NM_001034	Hs.75319	ribonucleotide reductase M2 polypeptide	3.0
	126127	N95428		gb:zb80d09.s1 Soares_senescent_fibroblas	3.0
	125558	R59305		gb:yh16c10.r1 Soares Infant brain 1NIB H	3.0
80	100335	AW247529	Hs.6793	platelet-activating factor acetylhydrola	2.9
	133421	AF134160	Hs.7327	claudin 1	2.8
	102581	AU077228	Hs.77256	enhancer of zeste (Drosophila) homolog 2	2.8
	113577	AI300599	Hs.278937	PRO0470 protein	2.8
	118397	BE139479	Hs.161492	ESTs	2.8
	115773	AW445044	Hs.38207	Human DNA sequences from clone RP4-53015	2.8
	128659	AW630087	Hs.103315	trinucleotide repeat containing 1	2.8
	127262	AA828125		gb:xd71a09.s1 NCI_CGAP_Ov2 Homo sapiens	2.8

	106472	AI207162	Hs.3815	stathmin-like-protein RB3	2.7
	125032	T74884		gb:yc58d02.s1 Stratiagene liver (937224)	2.7
	127315	AF116622		gb:Homo sapiens clone FLB4217 mRNA seque	2.7
5	126600	AA699949	Hs.191385	ESTs	2.7
	120325	AA195651	Hs.104106	ESTs	2.7
	127256	AI738610	Hs.267967	ESTs, Moderately similar to ALU8_HUMAN	2.7
	117357	N24829		gb:yc98h12.s1 Soares melanocyte 2N6HM.Ho	2.7
	126735	M69113	Hs.226795	glutathione S-transferase pt	2.7
10	102745	AW753865	Hs.74376	ofactomedin related ER localized protein	2.7
	128040	AW500486	Hs.180610	splicing factor proline/glutamine rich {	2.6
	129706	AA443241	Hs.336529	ribosomal protein L44	2.6
	107731	AA016086	Hs.272106	ESTs, Weakly similar to t38022 hypotheti	2.6
	128283	AI076570	Hs.134053	ESTs	2.6
15	125165	W45350		gb:ze81h08.s1 Pancreatic Islet Homo sapi	2.6
	111143	AB020680	Hs.7782	paraneoplastic antigen MA2	2.6
	105577	AW852257	Hs.171391	C-terminal binding protein 2	2.6
	128301	U90552	Hs.284283	butyrophilin, subfamily 3, member A1	2.6
	130262	D63216	Hs.153684	frizzled-related protein	2.6
20	132967	AA316181	Hs.61635	six transmembrane epithelial antigen of	2.6
	102479	NM_001991	Hs.194669	enhancer of zeste (Drosophila) homolog 1	2.6
	128531	H03721	Hs.2953	ribosomal protein S15a	2.6
	128166	AI741816	Hs.125897	ESTs	2.6
	126086	H75681		gb:yr77g01.r1 Soares fetal liver spleen	2.5
25	118957	AI686670	Hs.216756	ESTs	2.5
	120830	AI568170	Hs.98886	ESTs	2.5
	127229	AA316181	Hs.61635	six transmembrane epithelial antigen of	2.5
	129428	AA256906	Hs.111364	ESTs, Weakly similar to ublquitous TPR m	2.5
	110151	H18835	Hs.31608	hypothetical protein FLJ20041	2.5
30	131381	M92642	Hs.26208	collagen, type XVI, alpha 1	2.5
	133761	AF041430	Hs.75922	brain protein I3	2.5
	125990	R23858	Hs.143375	Homo sapiens, clone IMAGE:3840937, mRNA,	2.5
	126593	C05723		gb:CU5723 Human pancreatic islet Homo sa	2.5
	126021	AA775894	Hs.187516	ESTs	2.5
35	125905	AI676638	Hs.6456	chaperonin containing TCP1, subunit 2 (b	2.5
	102507	U52154	Hs.193044	potassium inwardly-rectifying channel, s	2.5
	125743	H17151		gb:ym37a05.r1 Soares infant brain 1N18.H	2.5
	130580	N32368	Hs.334370	uncharacterized hypothalamus protein HBE	2.5
	113119	T47810		gb:yb18b11.s1 Stratiagene fetal spleen (9	2.4
40	123110	AA486256	Hs.183510	EST	2.4
	113283	T66813	Hs.12947	EST	2.4
	107711	W96141	Hs.220687	ESTs	2.4
	128992	HD4150	Hs.107708	ESTs	2.4
	106111	AW875398	Hs.6451	PRO0659 protein	2.4
45	129948	AI537162	Hs.263988	ESTs	2.4
	125728	AW954565	Hs.57987	B-cell CLL/lymphoma 11B (zinc finger pro	2.4
	116728	F13687	Hs.227876	EST	2.4
	103100	NM_005574	Hs.184585	LIM domain only 2 (rhombotin-like 1)	2.4
50	124971	T23800	Hs.151001	hypothetical protein FLJ14728	2.4
	131019	W28614	Hs.306155	chorionic somatomammotropin hormone 1 (p	2.4
	128871	AI885045	Hs.211586	phosphoinositide-3-kinase, regulatory s	2.4
	111755	AI435437	Hs.24567	ESTs, Weakly similar to KBF3_HUMAN NUCL	2.4
	119127	AA708035	Hs.12248	ESTs	2.4
	117602	N35020	Hs.44685	C3HC4-like zinc finger protein	2.4
55	111898	R38944	Hs.183475	Homo sapiens clone 25061 mRNA sequence	2.4
	131916	AA025976	Hs.34569	ESTs	2.4
	130850	AB040922	Hs.20237	DKFZP566C134 protein	2.4
	100571	L14561	Hs.78546	ATPase, Ca++ transporting, plasma membra	2.4
	126722	N66148	Hs.11125	HSPC033 protein	2.4
60	123720	AA609734	Hs.112755	EST	2.4
	113609	T93263	Hs.16875	ESTs, Weakly similar to S23650 retrovir	2.4
	131136	AB033089	Hs.23413	KIAA1273 protein	2.4
	128001	AA443323	Hs.107812	BPOZ protein	2.4
	133529	W45623	Hs.74571	ADP-ribosylation factor 1	2.4
65	107593	AI099588	Hs.60061	ESTs	2.4
	123910	AA621262	Hs.179923	ESTs, Weakly similar to S85657 alpha-1C-	2.4
	128817	BE395776	Hs.188640	ankylosis, progressive (mouse) homolog	2.4
	103080	AU077231	Hs.82932	cyclin D1 (PRAD1; parathyroid adenomas	2.4
	128367	AW611791	Hs.150742	ESTs	2.4
70	123729	AL039779	Hs.278672	membrane component, chromosome 11, surfa	2.4
	112342	AW410273	Hs.92614	longevity assurance (LAG1, S. cerevisiae	2.3
	114721	D61939	Hs.103822	ESTs	2.3
	127768	AW085002	Hs.156187	ESTs	2.3
	127706	AI174238	Hs.186982	ESTs	2.3
75	126029	AA704253	Hs.169359	ESTs	2.3
	124250	AA350256	Hs.323875	EST, Weakly similar to 2109260A B cell	2.3
	117265	AA461966	Hs.43005	RAB9-like protein	2.3
	112501	AA972447	Hs.288833	Homo sapiens mRNA; cDNA DKFZp434K087 (fr	2.3
	129079	AK000157	Hs.108502	hypothetical protein FLJ20150	2.3
80	127252	AI049545	Hs.94	DnaJ (Hsp40) homolog, subfamily A, membe	2.3
	129228	U40714	Hs.239307	tyrosyl-tRNA synthetase	2.3
	114092	H81213	Hs.14825	ESTs, Weakly similar to KIAA1503 protein	2.3
	109252	BE440157	Hs.85944	ESTs	2.3
	127889	AI147408	Hs.144941	ESTs	2.3

	121292	AA401807		gb:zv65f11.s1 Soares_tetal_fetus_Nb2HF8_	2.3
	128797	NM_002975	Hs.105927	stem cell growth factor; lymphocyte secr	2.3
	132985	AL045579	Hs.62113	KIAA0717 protein	2.3
5	125174	W51835	Hs.231082	EST	2.3
	125401	AI204637	Hs.337585	ESTs, Highly similar to KIAA0350 (Hsapi	2.3
	135278	AA399542	Hs.229571	EST, Moderately similar to PEPTIDYL-PROL	2.3
	119155	R61715	Hs.310588	ESTs, Moderately similar to ALU1_HUMAN	2.3
	123423	AA598484		gb:ae38f04.s1 Gessler Wilms tumor Homo s	2.3
10	123258	AA480829	Hs.105274	ESTs, Weakly similar to RMS1_HUMAN REGUL	2.3
	128826	Z40313	Hs.106330	Homo sapiens clone IMAGE:23371, mRNA seq	2.3
	105014	AA121123	Hs.269267	ESTs, Weakly similar to AF161361.1 HSPC	2.3
	101088	AA382524	Hs.250959	histatin 1	2.3
	110579	AA004798	Hs.108311	ESTs, Weakly similar to T00351 hypothe	2.3
15	126879	D90391	Hs.1265	branched chain keto acid dehydrogenase E	2.3
	132317	BE262438	Hs.44592	beta-1,4 mannosyltransferase	2.3
	124891	R05835	Hs.110153	ESTs	2.3
	113474	R50752	Hs.23856	hypothetical protein MGC5297	2.3
	103175	X69089	Hs.79227	myomesin (M-protein) 2 (165kD)	2.2
20	129052	BE275031	Hs.158210	hypothetical protein MGC2555	2.2
	129248	W04606	Hs.171637	hypothetical protein MGC2628	2.2
	100780	BE561958	Hs.302063	immunoglobulin heavy constant mu	2.2
	135416	BE281018	Hs.99959	fusion, derived from t(12;16) malignant	2.2
25	129928	AI338893	Hs.134535	ESTs	2.2
	103319	X83492	Hs.82359	tumor necrosis factor receptor superfam	2.2
	110256	H63947	Hs.237955	RAB7, member RAS oncogene family	2.2
	120734	AA299948		gb:EST12544 Uterus tumor 1 Homo sapiens	2.2
	111777	AK001100	Hs.41690	desmocollin 3	2.2
	128963	J03880	Hs.1074	surfactant, pulmonary-associated protein	2.2
30	108451	AA079195		gb:zm92h12.s1 Stratagene ovarian cancer	2.2
	134864	AI803516	Hs.272891	hippocalcin-like protein 4	2.2
	127248	AA364195		gb:EST75015 Pineal gland II Homo sapiens	2.2
	125761	R68351		gb:yh95b03.r1 Soares placenta Nb2HP Homo	2.2
	101358	M10058	Hs.12055	asialoglycoprotein receptor 1	2.2
35	101613	M24283	Hs.168383	Interleukin adhesion molecule 1 (CD54)	2.2
	107121	AB015427	Hs.250493	zinc finger protein 219	2.2
	118751	N74210	Hs.50454	ESTs	2.2
	128952	AL043463	Hs.8755	RaP2 interacting protein 8	2.2
	126581	W73306	Hs.306668	Homo sapiens cDNA FLJ14089 fls, clone MA	2.2
40	127634	AA633469	Hs.193283	ESTs, Weakly similar to unnamed protein	2.2
	130755	BE293520	Hs.18910	prostate cancer overexpressed gene 1	2.2
	132867	AF226687	Hs.58553	CTP synthase II	2.2
	126323	N77584	Hs.68644	Homo sapiens microsomal signal peptidase	2.2
	111790	AW769683	Hs.6734	ESTs, Weakly similar to S26650 DNA-bind	2.2
45	125549	R20215		gb:yg18b08.r1 Soares infant brain 1N1B H	2.2
	128059	AA972446	Hs.145096	ESTs	2.2
	132342	AW162758	Hs.45232	ESTs, Weakly similar to ALU5_HUMAN ALU S	2.2
	125722	H29796	Hs.268822	ESTs	2.2
	106383	AA447453	Hs.27860	Homo sapiens mRNA; cDNA DKFZpS86M0723 (f	2.2
50	127544	N88858	Hs.155101	ATP synthase, H+-transporting, mitochond	2.2
	128179	AW293689	Hs.127116	ESTs	2.2
	133461	NM_000752	Hs.334345	cytochrome P450, subfamily IIA (phenobar	2.2
	126962	R12014	Hs.20976	ESTs	2.2
	112369	AW966243	Hs.4243	hypothetical protein FLJ12650	2.2
55	133582	BE391579	Hs.75087	Fas-activated serine/threonine kinase	2.2
	112276	R53442	Hs.26038	ESTs, Weakly similar to J38022 hypothe	2.2
	108743	AI580150	Hs.71074	ESTs	2.2
	133726	AI803188	Hs.252716	oxysterol-binding protein-related protel	2.2
	131283	AI077002	Hs.24950	regulator of G-protein signalling 5	2.2
60	108929	AA773187	Hs.294027	ESTs	2.2
	129059	AW069534	Hs.279583	CGI-81 protein	2.2
	110724	AW016783	Hs.30799	Homo sapiens cDNA FLJ13471 fls, clone PL	2.2
	116962	H79677		gb:yu76g10.s1 Soares fetal liver spleen	2.2
	118232	AI655226	Hs.117659	ESTs, Weakly similar to T46481 hypothe	2.2
65	106711	BE390125	Hs.143187	hypothetical protein	2.2
	135191	X16866	Hs.301086	cytochrome P450, subfamily IID (debrisoq	2.2
	125822	H03162	Hs.268768	ESTs	2.2
	130215	BE301883	Hs.152707	glioblastoma amplified sequence	2.2
	133383	AI886286	Hs.71962	ESTs, Weakly similar to B36298 protine-r	2.2
70	126250	AL050391	Hs.321247	Homo sapiens mRNA; cDNA DKFZpS86A181 (fr	2.2
	103392	X94563		gb:h.sapiens dbi/acbp gene exon 1 & 2,	2.2
	129794	AF161399	Hs.23269	hypothetical protein FLJ13433	2.2
	100253	D38024	Hs.157425	double homeobox, 2	2.2
	130743	AL049266	Hs.18724	Homo sapiens mRNA; cDNA DKFZp564F093 (fr	2.2
75	125468	R08234	Hs.180461	ESTs	2.2
	122662	AA984531	Hs.159293	ESTs	2.2
	133347	BE257768	Hs.71475	acid cluster protein 33	2.2
	104455	AL110281	Hs.157211	DKFZP568B0621 protein	2.2
	116332	AA491208	Hs.62620	chromosome 6 open reading frame 1	2.2
80	131163	AA099524	Hs.23754	ESTs	2.2
	109592	AI198059	Hs.26370	ESTs	2.2
	128721	AW040391	Hs.266175	phosphoprotein associated with GEMs	2.1
	114046	BE018658	Hs.141003	Homo sapiens cDNA: FLJ21691 fls, clone C	2.1
	128434	AI190914	Hs.143880	ESTs	2.1

5	103163	AU077018	Hs.3235	keratin 4	2.1
	112379	AK001713	Hs.17860	hypothetical protein FLJ10851	2.1
	127507	AA249573	Hs.152618	ESTs, Moderately similar to ZN91_HUMAN Z	2.1
	133097	W03512	Hs.6479	hypothetical protein MGC13272	2.1
	126153	H85692	Hs.40730	ESTs	2.1
10	122110	AI123000	Hs.301240	melanocortin 1 receptor (alpha melanocyt	2.1
	100554	M95923		gb:Human 12-lipoxygenase mRNA, partial c	2.1
	104799	AA029703		gb:ze95h08.s1 Soares_fetal_heart_NbHH19W	2.1
	132664	AI740461	Hs.54542	ESTs	2.1
	114620	AA642974		gb:nr60h01.s1 NCI_CGAP_Lym3 Homo sapiens	2.1
15	115348	AA281562	Hs.292100	ESTs	2.1
	133231	AK000517	Hs.6844	hypothetical protein FLJ20510	2.1
	133160	N54958	Hs.65309	hypothetical protein MGC11061	2.1
	124656	AW297702	Hs.102915	ESTs	2.1
	133676	M19850	Hs.150741	2',3'-cyclic nucleotide 3' phosphodiesterase	2.1
20	132676	N92589	Hs.261038	ESTs, Weakly similar to I38022 hypothet	2.1
	126505	AA282881	Hs.190057	ESTs	2.1
	118865	AA738405	Hs.54530	ESTs	2.1
	134267	AI174596	Hs.195209	RAE1 (RNA export 1, S.pombe) homolog	2.1
	134104	L35253	Hs.79107	mitogen-activated protein kinase 14	2.1
25	133493	AW998046	Hs.194369	arginine-glutamic acid dipeptide (RE) re	2.1
	112853	T02843		gb:FB11H5 Fetal brain, Stratagene Homo s	2.1
	117457	N29582	Hs.44071	ESTs, Weakly similar to ALU5_HUMAN ALU	2.1
	112246	R51321	Hs.25780	Homo sapiens cDNA FLJ12252 fis, clone MA	2.1
	134869	AL157518	Hs.90421	PRO2463 protein	2.1
30	128869	AA768242	Hs.80618	hypothetical protein	2.1
	129179	AW969025	Hs.109154	ESTs	2.1
	104857	AI920902	Hs.19058	ESTs, Moderately similar to S05667 alpha	2.1
	101651	AL037111	Hs.75841	galactose-1-phosphate uridylyltransferase	2.1
	129726	H15474	Hs.132898	fatty acid desaturase 1	2.1
35	117186	H88988	Hs.42612	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.1
	126271	AI250773	Hs.270012	ESTs	2.1
	116925	H73110	Hs.260603	ESTs, Moderately similar to A47582 B-ce	2.1
	128468	T23625	Hs.150580	putative translation initiation factor	2.1
	116031	AA452239	Hs.103329	KIAA0970 protein	2.1
40	130724	AK001507	Hs.306084	Homo sapiens clone FLB6914 PRO1821 mRNA,	2.1
	121897	AA427419	Hs.229162	EST, Weakly similar to ZN91_HUMAN ZINC	2.1
	123808	AA620552		gb:ae58g11.s1 Stratagene lung carcinoma	2.1
	122333	AA625872	Hs.98977	ESTs, Moderately similar to T34561 hypot	2.1
	127841	AW136558	Hs.125246	ESTs	2.1
45	100023				2.1
	113002	BE243513	Hs.7212	hypothetical protein PP1044	2.1
	111557	F12628	Hs.334786	hypothetical protein MGC16040	2.1
	113697	T97183	Hs.17992	Homo sapiens mRNA; cDNA DKFZp434J1726 (f	2.1
	128033	AI248705	Hs.149321	ESTs	2.1
50	105225	AA211777		gb:zn57d02.s1 Stratagene muscle 937209 H	2.1
	112370	AF052095	Hs.167344	Homo sapiens clone Z3911 mRNA sequence	2.1
	132786	BE083422	Hs.56851	hypothetical protein MGC2668	2.1
	113226	AI821008	Hs.10697	ESTs	2.1
	117997	N52090	Hs.47420	EST	2.1
55	116996	H83935	Hs.40535	ESTs	2.1
	127002	AL353940	Hs.24979	hypothetical protein DKFZp761P1010	2.1
	122591	AI188219	Hs.99311	ESTs, Weakly similar to HSJ2_HUMAN DNAJ	2.1
	107278	S57296	Hs.323910	v-erb-b2 avian erythroblastic leukemia	2.1
	103898	AA248884		gb:k3517.seq.F Human fetal heart, Lambda	2.1
60	110312	BE258986	Hs.11896	hypothetical protein FLJ12089	2.1
	127447	AA386192	Hs.193482	Homo sapiens cDNA FLJ11903 fis, clone HE	2.1
	128352	AW137413	Hs.169942	ESTs	2.1
	113649	N94768	Hs.16400	ESTs, Weakly similar to KIAA1435 protein	2.0
	128275	AI218235	Hs.131240	ESTs	2.0
65	125976	AA436760		gb:zv67d11.r1 Soares_fetal_liver_Nb2HFB_	2.0
	120820	AA347417	Hs.96869	EST	2.0
	134937	AI251449	Hs.171939	ESTs	2.0
	129602	AI282193	Hs.198298	v-src avian sarcoma (Schmidt-Ruppin A-2)	2.0
	129635	AA397972	Hs.168965	chimerin (chimerin) 1	2.0
70	105095	AF115402	Hs.11713	E74-like factor 5 (ets domain transcript	2.0
	128538	R44214	Hs.101189	ESTs	2.0
	105593	AA278341	Hs.174151	aldehyde oxidase 1	2.0
	105788	AB009598	Hs.23865	solute carrier family 22 (organic anion	2.0
	128148	AA918175	Hs.126637	ESTs	2.0
75	125982	R98091		gb:yr30e11.r1 Soares_fetal_liver_spleen	2.0
	125746	AL137506	Hs.274256	hypothetical protein FLJ23563	2.0
	127835	AA748762	Hs.163113	ESTs, Weakly similar to I38022 hypothet	2.0
	100661	BE523001	Hs.132748	Homo sapiens ribosomal protein L39 mRNA,	2.0
	124282	AA018408	Hs.110287	ESTs	2.0
80	126926	AA179472	Hs.832	ESTs, Highly similar to A41029 integrin	2.0
	100221	O28383		gb:Human mRNA for ATP synthase B chain,	2.0
	126053	H64450		gb:yu82d01.r1 Welzmann Olfactory Epithel	2.0
	100944	L07518	Hs.159593	mucin 6, gastric	2.0
	125581	AI272848	Hs.75309	eukaryotic translation elongation factor	2.0
	128604	AI879089	Hs.102397	GOT-3 for gonadotropin inducible transcr	2.0
	114612	AI124557	Hs.95456	ESTs	2.0
	130453	U80735	Hs.173854	PAX transcription activation domain inte	2.0



	135060	AK001887	Hs.259842	protein kinase, AMP-activated, gamma 2 n	2.0
	114419	AI248013	Hs.106532	ESTs, Weakly similar to I38588 reverse t	2.0
	126283	N40359	Hs.271896	ESTs	2.0
5	112003	AW978731	Hs.301824	hypothetical protein PRO1331	2.0
	127391	AW380893	Hs.11039	hypothetical protein MGC2722	2.0
	127717	F12209	Hs.173380	CK2 interacting protein 1; HQ0024c prote	2.0
	128893	AJ252060	Hs.28320	TRABID protein	2.0
	106798	BE252749	Hs.20558	hypothetical protein FLJ20345	2.0
10	103760	AA642973	Hs.183842	ubiquitin B	2.0
	118922	AW206193	Hs.91065	hypothetical protein DKFZp761B2423	2.0
	133186	AI434760	Hs.279949	KIAA1007 protein	2.0
	133424	AA350994	Hs.20281	KIAA1700	2.0
	133765	MS2194	Hs.75929	cadherin 11, type 2, OB-cadherin (osteob	2.0
15	132347	BE271016	Hs.169850	ESTs, Weakly similar to T21554 hypotheti	2.0
	125589	H13295	Hs.106135	ESTs	2.0
	114459	AW445217	Hs.103362	ESTs	2.0
	128478	AA708205	Hs.100343	ESTs	2.0
	127271	H96820		gb:yy99b03.r1 Soares melanocyte 2NbHM Ho	2.0
20	111122	N53753	Hs.16492	DKFZP564G2022 protein	2.0
	130695	T97205	Hs.17998	ESTs, Weakly similar to T109260A B cell	2.0
	133571	BE515037	Hs.177556	melanoma antigen, family D, 1	2.0
	119244	AW407584	Hs.275865	ribosomal protein S18	2.0
	127603	AI016798	Hs.9925	hypothetical protein FLJ20772	2.0
25	113826	T34318	Hs.17359	ESTs, Moderately similar to RL44_HUMAN 6	2.0
	128115	AI435580	Hs.130168	ESTs	2.0
	117639	AA377165	Hs.44833	ESTs	2.0
	127033	AF169301	Hs.9098	sulfate transporter 1	2.0
	112411	R43090	Hs.271510	ESTs, Moderately similar to ALU1_HUMAN A	2.0
30	114801	AA075566		gb:zm8806.s1 Stratagene ovarian cancer	2.0
	127573	AA594196	Hs.269464	ESTs, Weakly similar to S65657 alpha-1C-	2.0
	125500	AW952654	Hs.244624	ESTs	2.0
	119416	T97188		gb:ye50h09.s1 Soares fetal liver spleen	2.0
	115467	AI366784	Hs.48820	TATA box binding protein (TBP)-associate	2.0
35	126902	AA036637	Hs.107052	ESTs	2.0
	127684	AA668631	Hs.32556	KIAA0379 protein	2.0
	126288	AW448560	Hs.89576	Inner mitochondrial membrane peptidase 2	2.0
	122059	AA431737	Hs.98749	EST, Moderately similar to T42671 hypoth	2.0
	125486	AI023895	Hs.190687	ESTs	2.0
40	128895	AW467000	Hs.106985	ESTs	2.0
	105301	AW352357	Hs.7457	MAGE1 protein	2.0
	125536	F08266	Hs.77948	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.0
	121387	AA405854		gb:zu66g06.s1 Soares_testis_NHT Homo sap	2.0
	134128	NM_003747	Hs.131814	tankyrase, TRF1-interacting ankyrin-rela	2.0
45	126860	BE242814	Hs.323494	ESTs, Weakly similar to T27544 zinc resl	2.0
	102907	BE409861	Hs.202833	heme oxygenase (decycling) 1	2.0
	127804	AA740634	Hs.292084	ESTs	2.0
	130566	R85474	Hs.16073	ESTs	1.9
50	113782	AK001567	Hs.311002	Homo sapiens cDNA FLJ10705 fis, clone NT	1.9
	124119	AA040123	Hs.248953	solute carrier family 27 (fatty acid tra	1.9
	132490	NM_001290	Hs.4980	LIM domain binding 2	1.9
	125494	AI077029	Hs.177543	antigen identified by monoclonal antibod	1.9
	100237	D30715	Hs.306333	Human PAP (pancreatitis-associated prot	1.9
	127687	AW772383	Hs.300635	ESTs	1.9
55	103136	AF087917	Hs.247936	olfactory receptor, family 1, subfamily	1.9
	125704	R55094	Hs.26239	Human DNA sequence from clone RP11-438B2	1.9
	126208	N22588	Hs.288548	Homo sapiens cDNA FLJ12368 fis, clone MA	1.9
	131902	AA180145	Hs.34348	Homo sapiens mRNA; cDNA DKFZp434P0235 (f	1.9
	128860	AA011597	Hs.177398	ESTs	1.9
60	118049	N53145		gb:yy55f09.s1 Soares fetal liver spleen	1.9
	134624	AF038119	Hs.8700	deleted in liver cancer 1	1.9
	127432	AW067708	Hs.170311	heterogeneous nuclear ribonucleoprotein	1.9
	126414	AI383157	Hs.24756	hepatocyte growth factor-regulated tyros	1.9
	120861	AA360394	Hs.95952	ESTs	1.9
65	124669	AI571594	Hs.102943	hypothetical protein MGC12916	1.9
	126096	F08208	Hs.283844	similar to rat bicarboxylate carrier-li	1.9
	103891	NM_007212	Hs.124186	ring finger protein 2	1.9
	128827	AI223335	Hs.50651	Janus kinase 1 (a protein tyrosine kinas	1.9
	128831	AI929107	Hs.79933	cyclin I	1.9
70	125360	AW898892	Hs.189741	ESTs	1.9
	124276	H83465		gb:ye91a11.s1 Soares retina N2b5HR Homo	1.9
	128524	Z45455	Hs.182447	heterogeneous nuclear ribonucleoprotein	1.9
	126547	AK000283	Hs.270502	hypothetical protein FLJ20276	1.9
	125957	H41694		gb:yo08b06.r1 Soares adult brain N2b5HB5	1.9
75	121782	AW452957	Hs.334698	Homo sapiens, clone MGC:15203, mRNA, com	1.9
	124059	BE387335	Hs.283713	ESTs, Weakly similar to S64054 hypotheti	1.9
	130945	U20682	Hs.2149	actin like protein	1.9
	126348	T16243	Hs.6473	Homo sapiens cDNA FLJ13992 fis, clone Y7	1.9
	103558	BE616547	Hs.2785	keratin 17	1.9
80	126982	AA211419		gb:zm56g05.s1 Stratagene muscle 937209 H	1.9
	125813	AA765857	Hs.21077	KIAA0532 protein	1.9
	129601	AB032964	Hs.115726	KIAA1138 protein	1.9
	126007	H51097	Hs.143261	ESTs	1.9
	123627	AA909519	Hs.112668	ESTs	1.9

	111587	AI125867	Hs.20734	ESTs	1.9
	135231	BE613615	Hs.74280	hypothetical protein FLJ22237	1.9
	128897	AW978134	Hs.10700	hypothetical protein	1.9
5	109891	H04757	Hs.323176	ESTs	1.9
	127704	AA679809		gb:ag72c02.s1 Gessler Wilms tumor Homo s	1.9
	129340	H75334	Hs.11050	F-box only protein 9	1.9
	126502	T10077	Hs.13453	hypothetical protein FLJ14753	1.9
	129519	AA209534	Hs.284243	tetraspan NET-6 protein	1.9
10	127136	R36277	Hs.7773	Homo sapiens ubiquitin conjugating enzym	1.9
	110636	H72868	Hs.19110	ESTs	1.9
	128862	BE250742	Hs.106673	eukaryotic translation initiation factor	1.9
	104689	AA420450	Hs.282911	ESTs, Highly similar to S60712 band-6-pr	1.9
	130829	BE262530	Hs.2006	glutathione S-transferase M3 (brain)	1.9
15	125768	AI557486	Hs.119122	ribosomal protein L13a	1.9
	123613	AA609158	Hs.291166	EST	1.9
	127506	T81039	Hs.252574	ribosomal protein L10a	1.9
	123546	AA608817	Hs.112597	EST	1.9
	126516	R95872	Hs.117572	chemokine binding protein 2	1.9
20	103973	AA305729	Hs.18272	amino acid transporter system A1	1.9
	127428	AA854756	Hs.124076	ESTs	1.9
	112339	R56570	Hs.50547	ESTs	1.9
	129101	NM_013403	Hs.108665	zincin	1.9
	109442	AW296134	Hs.86999	ESTs, Weakly similar to S65657 alpha-1C-	1.9
25	118103	AA401733	Hs.184134	ESTs	1.9
	125752	AW136622	Hs.206673	ESTs	1.9
	102926	W28363	Hs.239752	nuclear receptor subfamily 2, group F, m	1.9
	133975	C18356	Hs.295944	tissue factor pathway inhibitor 2	1.9
	134470	X54942	Hs.83758	CDC28 protein kinase 2	1.9
30	127329	AW160551	Hs.124021	soggy-1 gene	1.8
	126659	T16245		gb:NIH1005R Normalized Infant brain, Ben	1.8
	127297	AW629465	Hs.140720	GSK-3 binding protein FRAT2	1.8
	127640	AI557486	Hs.119122	ribosomal protein L13a	1.8
	103409	NM_004454	Hs.43697	ets variant gene 5 (ets-related molecule	1.8
35	127964	F06298		gb:HSC13F081 normalized infant brain cDN	1.8
	122365	AA813546	Hs.99034	GTP-binding protein Rho7	1.8
	128193	AJ224442	Hs.155020	putative methyltransferase	1.8
	115173	BE612940	Hs.88252	ESTs	1.8
	125532	AJ734146	Hs.271800	ESTs, Weakly similar to alternatively sp	1.8
40	126541	AJ271671	Hs.7854	zinc/ferron regulated transporter-like	1.8
	127309	AI669765	Hs.133184	ESTs	1.8
	129062	AA452970	Hs.155218	E1B-55kDa-associated protein 5	1.8
	126770	AI292320	Hs.81351	heterogeneous nuclear ribonucleoprotein	1.8
	127775	AA126808	Hs.179902	transporter-like protein	1.8
45	126994	AA456266	Hs.86686	ESTs, Moderately similar to I54374 gene	1.8
	130734	AW137091	Hs.18624	KIAA1052 protein	1.8
	114461	AA531187	Hs.126705	ESTs	1.8
	100842	U05587		gb:Human union exchanger 3 cardiac isofo	1.8
	127389	T65128	Hs.12743	camitine O-octanoyltransferase	1.8
50	125394	BE178502	Hs.173772	ESTs, Weakly similar to I76885 serine/th	1.8
	107736	AA016239	Hs.60715	ESTs	1.8
	125689	R51308	Hs.333256	ESTs, Weakly similar to ALU6_HUMAN ALU	1.8
	100370	D79989	Hs.184884	KIAA0187 gene product	1.8
	113479	AI023133	Hs.10739	ESTs	1.8
55	105165	BE260787	Hs.16079	hypothetical protein FLJ10233	1.8
	120602	AA808018	Hs.109302	ESTs	1.8
	112399	R60920	Hs.296770	KIAA1719 protein	1.8
	123474	AA599209		gb:ag34b11.s1 Jla bone marrow stroma Hom	1.8
	134212	AA654353	Hs.17719	EBP50-PDZ interactor of 64 kD	1.8
60	104204	AK001691	Hs.57665	hypothetical protein FLJ10829	1.8
	127464	AW971875	Hs.292071	ESTs	1.8
	116716	AL117440	Hs.170283	tumor protein p53-binding protein, 1	1.8
	115041	AA252457	Hs.86543	ESTs, Moderately similar to T00256 hypot	1.8
	132380	AW373665	Hs.46853	ESTs	1.8
65	120087	AF186780	Hs.79219	RaiGDS-like gene; KIAA0959 protein	1.8
	116356	AI371223	Hs.288671	Homo sapiens cDNA FLJ11997 fis, clone HE	1.8
	125499	H10543		gb:ym04c06.r1 Soarse infant brain 1NIB H	1.8
	128846	AA730767	Hs.285753	SCG10-like-protein	1.8
	123869	AA620924	Hs.112923	EST	1.8
70	108889	AA135722	Hs.61481	ESTs	1.8
	126528	Z24896		gb:HSB87F122 STRATAGENE Human skeletal m	1.8
	127629	AA293279	Hs.29173	hypothetical protein FLJ20515	1.8
	130004	AA703984	Hs.245474	ESTs, Moderately similar to ALU5_HUMAN A	1.8
	130847	AI672483	Hs.20220	lipase protein	1.8
75	111620	R14853	Hs.307478	EST, Weakly similar to I39058 hypotheti	1.8
	131971	BE567100	Hs.154838	hypothetical protein MDS025	1.8
	121380	AA405635	Hs.96854	ESTs, Weakly similar to DYLYX_HUMAN CYTOP	1.8
	127705	AJ003322		gb:AJ003322 Selected chromosome 21 cDNA	1.8
80	124687	AA833902	Hs.270745	ESTs	1.8
	126698	AI221147	Hs.145088	ESTs, Weakly similar to T15936 hypotheti	1.8
	126730	AA442429		gb:zv70g02.r1 Soares fetal_fetus_Nb2HF8_	1.8
	127916	AI239950	Hs.294111	ESTs, Moderately similar to B34087 hypo	1.8
	128408	AI183407	Hs.143704	EST	1.8
	128440	AW090340	Hs.14337	Homo sapiens cDNA FLJ14407 fis, clone HE	1.8

	123783	AA610112		gb:af19g05.s1 Soares_fetal_fetus_Nb2HF8_	1.8
	109152	AW380723	Hs.73451	ESTs, Weakly similar to S55024 nebulin,	1.8
	107242	AB020672	Hs.175411	KIAA0865 protein	1.8
5	132804	AI805943	Hs.326067	hypothetical protein MGC5178	1.8
	125387	AJ243669	Hs.8127	KIAA0144 gene product	1.8
	121578	AA398791	Hs.178185	ESTs	1.8
	132944	T96641	Hs.6127	Homo sapiens cDNA: FLJ23020 fis, clone L	1.8
	126296	AI281459	Hs.270114	ESTs	1.8
10	133335	BE261012	Hs.263812	nuclear distribution gene C (A.nidulans)	1.8
	129879	AK001696	Hs.13109	Ran binding protein 11	1.7
	125175	W52355	Hs.303030	EST	1.7
	126919	AA577730	Hs.188684	ESTs, Weakly similar to PC4259 ferritin	1.7
	127773	AA725863	Hs.120508	ESTs	1.7
15	126495	AB029021	Hs.137732	KIAA1098 protein	1.7
	126948	AW568535	Hs.14328	hypothetical protein FLJ20071	1.7
	126671	C03105	Hs.285847	CGI-19 protein	1.7
	115428	AA284112	Hs.94680	ESTs, Weakly similar to I78835 serine/	1.7
	128232	AJ830319	Hs.334641	hypothetical protein DKFZp434f1916	1.7
20	126082	H81188	Hs.269571	ESTs	1.7
	120467	AW292582	Hs.187628	ESTs	1.7
	124041	AW590171	Hs.101413	ESTs	1.7
	105012	AF098158	Hs.9329	chromosome 20 open reading frame 1	1.7
	123951	AB012922	Hs.173043	metastasis-associated 1-like 1	1.7
25	126449	AF223944	Hs.325443	breast cell glutaminase	1.7
	124554	N65961		gb:aa27d03.s1 Soares fetal liver spleen	1.7
	133651	AJ301740	Hs.173381	dihydropyrimidinase-like 2	1.7
	126780	R12421	Hs.5811	chromosome 21 open reading frame 59	1.7
	125661	AA491830	Hs.25689	ESTs	1.7
30	126888	H18298		gb:yn48b09.r1 Soares adult brain N2b5HB5	1.7
	127246	AA323958		gb:EST26810 Cerebellum II Homo sapiens c	1.7
	111223	AA852773	Hs.334838	KIAA1866 protein	1.7
	115611	R44789	Hs.33191	Homo sapiens, Similar to transmembrane r	1.7
	124846	R59977	Hs.158196	transcriptional adaptor 3 (ADA3, yeast)	1.7
35	100397	D84424	Hs.57697	hyaluronan synthase 1	1.7
	127180	T27097	Hs.22790	ESTs	1.7
	102598	BE250742	Hs.106673	eukaryotic translation initiation factor	1.7
	134076	AF086215		gb:Homo sapiens full length insert cDNA	1.7
40	115659	W99382	Hs.283709	lipopolysaccharide specific response-7 p	1.7
	125555	R18382	Hs.117869	ESTs	1.7
	128382	AJ138886	Hs.143243	ESTs	1.7
	127710	AA682867	Hs.191901	ESTs	1.7
	125445	AJ452722	Hs.7709	WW domain binding protein 1	1.7
	128951	AL110282	Hs.268024	Homo sapiens, clone IMAGE:3873720, mRNA	1.7
45	118898	R93325	Hs.58690	ESTs	1.7
	129703	BE388665	Hs.179999	Homo sapiens, clone IMAGE:3457003, mRNA	1.7
	133531	BE276738	Hs.74578	DEAD/H (Asp-Glu-Ala-Asp/His) box polypep	1.7
	119726	AF086289	Hs.234766	skin-specific protein	1.7
	125198	W69474	Hs.323140	ESTs	1.7
50	121414	AW291477	Hs.188763	testis expressed sequence 13A	1.7
	112542	AA58867	Hs.24276	ESTs	1.7
	101366	M13058	Hs.73952	proline-rich protein HaellI subfamily 2	1.7
	125820	AA730136	Hs.75581	teratocarcinoma-derived growth factor 1	1.7
	129091	AA056483	Hs.301463	Human Chromosome 16 BAC clone CIT987SK-A	1.7
55	132609	U20165	Hs.53250	bone morphogenetic protein receptor, typ	1.7
	119447	W31714	Hs.122656	ESTs, Highly similar to formin 2-like pr	1.7
	113675	T81034	Hs.14841	ESTs	1.7
	113701	T97301	Hs.18026	ESTs	1.7
	116180	AA463902	Hs.13522	ESTs, Weakly similar to I38022 hypothet	1.7
60	127133	AA280740	Hs.292072	ESTs, Moderately similar to A46010 X-lin	1.7
	113316	T70318	Hs.288581	ESTs	1.7
	123316	AI290561	Hs.155361	ESTs	1.7
	122638	AL137476	Hs.123609	Homo sapiens mRNA; cDNA DKFZp434f0623 (f	1.7
	105053	AI884911	Hs.32989	receptor (calcitonin) activity modifying	1.7
65	103305	X82279		gb:H.sapiens Fas, Apo-1 gene (promoter a	1.7
	110384	H45282	Hs.268798	ESTs	1.7
	115826	AW630870	Hs.86674	ESTs, Weakly similar to hypothetical pro	1.7
	126905	AW504027	Hs.16301	Homo sapiens cDNA FLJ12596 fis, clone NT	1.7
	130820	AL353934	Hs.288798	hypothetical protein FLJ21012	1.7
70	112394	AK000373	Hs.8358	hypothetical protein FLJ20366	1.7
	129589	AW504292	Hs.11517	ESTs	1.7
	126446	NM_015670	Hs.118926	sanitin/SUMO-specific protease 3	1.7
	126547	U47732	Hs.84072	transmembrane 4 superfamily member 3	1.7
	120287	AF219946	Hs.102237	tubby super-family protein	1.7
75	129991	R28386	Hs.179925	ESTs, Weakly similar to ALU8_HUMAN ALU	1.7
	123912	AA621283	Hs.332855	EST	1.7
	102071	AL120061	Hs.144700	ephrin-B1	1.7
	121046	AB033083	Hs.97377	KIAA1257 protein	1.7
	128403	AI908006	Hs.295362	Homo sapiens cDNA FLJ14459 fis, clone HE	1.7
80	104258	AL043864	Hs.70804	ATPase, Class II, type 9A	1.7
	111598	R11505	Hs.268912	ESTs	1.7
	128109	AW269421	Hs.128093	ESTs	1.7
	125435	R08480	Hs.272138	ESTs, Weakly similar to ALU1_HUMAN ALU S	1.7
	133104	AI091195	Hs.65029	growth arrest-specific 1	1.7

	126826	AA099764		gb:zn61f12.r1 Stratagene muscle 937209 H	1.7
	106483	NM_006548	Hs.30299	IGF-II mRNA-binding protein 2	1.7
	129765	M86933	Hs.1238	amelogenin (Y chromosome)	1.7
5	115904	AI167560	Hs.81297	ESTs	1.7
	125514	AB040912	Hs.191038	hypothetical protein FLJ11598	1.7
	125797	H03117	Hs.111497	similar to mouse neuronal protein 15.6	1.7
	133179	U81599	Hs.66731	homoeo box B13	1.7
	115167	AA749209	Hs.43728	hypothetical protein	1.7
10	118036	AM71862	Hs.196008	Homo sapiens cDNA FLJ11723 fis, clone HE	1.7
	124540	N63232		gb:yz39a12.s1 Morton Fetal Cochlea Homo	1.7
	126183	BE018708	Hs.81972	SHC (Src homology 2 domain-containing) t	1.7
	127897	AA773661		gb:af77b12.r1 Soares_NhHMPu_S1 Homo sapi	1.7
	126880	F07097	Hs.133865	transmembrane 6 superfamily member 1	1.7
15	126972	NM_018255	Hs.95260	Autosomal Highly Conserved Protein	1.7
	130605	BE514362	Hs.306024	FK506-binding protein 3 (25kD)	1.7
	127541	AA573449	Hs.171515	ESTs	1.7
	127392	AI818738	Hs.14896	DI-HC1 protein	1.7
	106879	AI190785	Hs.33020	Homo sapiens, clone IMAGE:3939163, mRNA,	1.7
20	128303	AI056444	Hs.7187	hypothetical protein FLJ10707	1.7
	129469	BE384361	Hs.182886	ESTs, Weakly similar to JC5024 UDP-galac	1.7
	125758	BE174587	Hs.289721	growth arrest specific transcript 5	1.7
	132332	AW978906	Hs.45005	hypothetical protein FLJ12960	1.6
	127142	AW452942	Hs.130393	ESTs	1.6
25	128416	F13165	Hs.12549	ESTs, Weakly similar to 2109260A B cell	1.6
	103790	AL122044	Hs.331633	hypothetical protein DKF-Zp566N034	1.6
	134578	AL110193	Hs.224137	hypothetical protein	1.6
	110023	AW294701	Hs.31040	ESTs	1.6
	125511	AJ271379	Hs.76194	ribosomal protein S5	1.6
30	111483	R06589	Hs.269534	ESTs	1.6
	127363	AF064104	Hs.22116	CDC14 (cell division cycle 14, S. cerevi	1.6
	126231	AA991765	Hs.300793	ESTs	1.6
	106181	AI803661	Hs.191608	ESTs	1.6
	114767	AI859865	Hs.154443	minichromosome maintenance deficient (S	1.6
35	119929	W86464	Hs.304825	ESTs	1.6
	132542	AL137751	Hs.263671	Homo sapiens mRNA; cDNA DKFZp4340812 (f	1.6
	127155	AA284993		gb:z123a10.r1 Soares ovary tumor NhHOT H	1.6
	125956	AK000214	Hs.129014	hypothetical protein FLJ20207	1.6
	126854	AJ275986	Hs.71414	transcription factor (SMIF gene)	1.6
40	131330	D13889	Hs.184669	zinc finger protein 144 (Mcl-18)	1.6
	129445	W52452	Hs.29797	ribosomal protein L10	1.6
	113427	T85105	Hs.15471	ESTs	1.6
	106124	H93368	Hs.7567	Homo sapiens cDNA: FLJ21962 fis, clone H	1.6
	128135	AA954381	Hs.269721	ESTs, Moderately similar to ALU1_HUMAN	1.6
45	111460	R02728	Hs.117331	ESTs	1.6
	125636	H12382	Hs.25119	ESTs, Weakly similar to YEX0_YEAST HYPOT	1.6
	134118	BE336680	Hs.182877	KIAA0116 protein	1.6
	111570	AF059203	Hs.20580	sterol O-acyltransferase 2	1.6
	113511	T89578	Hs.189740	ESTs	1.6
50	113298	AW449560	Hs.89576	Inner mitochondrial membrane peptidase 2	1.6
	109875	H03260	Hs.30385	ESTs	1.6
	105930	AF016371	Hs.9880	peptidyl prolyl isomerase H (cyclophilin	1.6
	105584	BE816694	Hs.288042	hypothetical protein FLJ14299	1.6
	126063	AI377750	Hs.167177	ESTs	1.6
55	109779	AB029396	Hs.3353	beta-1,3-glucuronyltransferase 1 (glucur	1.6
	126334	T86569	Hs.182118	ESTs	1.6
	127206	AW816490	Hs.337508	ESTs	1.6
	108845	AW362901	Hs.68884	ESTs, Weakly similar to phosphatidylseri	1.6
	132520	AA257992	Hs.50651	Janus kinase 1 (a protein tyrosine kinas	1.6
60	114062	AI560984	Hs.27283	ESTs	1.6
	122560	AA451859	Hs.99253	ESTs	1.6
	113413	R08872	Hs.186512	ESTs	1.6
	127019	AJ929355	Hs.266128	hypothetical protein FLJ23329	1.6
	106251	R12607	Hs.35101	proline-rich Glu (G-carboxyglutamic acid	1.6
65	112670	AL138012	Hs.183840	ESTs, Moderately similar to ALU7_HUMAN A	1.6
	114913	AI435199	Hs.58940	ESTs, Weakly similar to 138022 hypotheti	1.6
	126604	AJ023299	Hs.269806	ESTs	1.6
	126324	R07785		gb:yl15c06.r1 Soares fetal liver spleen	1.6
	121438	AW445024	Hs.139389	ESTs	1.6
70	127289	AJ041014	Hs.220752	ESTs, Weakly similar to unnamed protein	1.6
	126935	AI198535	Hs.89463	potassium large conductance calcium-acti	1.6
	132430	AW973652	Hs.263105	ESTs	1.6
	133541	H75334	Hs.11050	F-box only protein 9	1.6
	102612	U65402	Hs.248124	G protein-coupled receptor 31	1.6
75	120228	AJ192528	Hs.164537	ESTs	1.6
	122652	AA454641		gb:zx99d05.s1 Soares_NhHMPu_S1 Homo sapi	1.6
	103456	AA496425	Hs.9629	capillary renal cell carcinoma (transloc	1.6
	105355	AL031447	Hs.26938	Homo sapiens, clone IMAGE:4053044, mRNA,	1.6
	108043	AA042873	Hs.160412	ESTs	1.6
80	128695	NM_003478	Hs.101299	cullin 5	1.6
	127984	AA846377	Hs.193706	ESTs, Weakly similar to ALU8_HUMAN ALU S	1.6
	124405	AA228137	Hs.25005	hypothetical protein MGC3329	1.6
	103934	BE278111	Hs.134200	DKFZP564C186 protein	1.6
	124195	H83034		gb:yq48a07.r1 Soares fetal liver spleen	1.6

5	110938	N48982	Hs.38034	Homo sapiens cDNA FLJ12924 fls, clone NT	1.6
	102687	NM_007019	Hs.93002	ubiquitin carrier protein E2-C	1.6
	121226	AA364109	Hs.177990	ESTs	1.6
	120416	AA235810		gb:zs41a03.s1 Soares_NhHMPu_S1 Homo sapi	1.6
	123864	AA620882		gb:af95g01.s1 Soares_testis_NHT Homo sap	1.6
10	125045	AI114630	Hs.208334	Homo sapiens cDNA: FLJ21874 fls, clone H	1.6
	133425	AA444390	Hs.155482	hydroxycyl glutathione hydrolase	1.6
	126576	AF151861	Hs.107528	androgen induced protein	1.6
	102406	U43177		(NONE)	1.6
	114126	BE566962	Hs.7053	Homo sapiens cDNA: FLJ20913 fls, clone A	1.6
15	125233	W85713	Hs.110092	ESTs	1.6
	109635	F04296	Hs.169161	ESTs, Highly similar to MAON_HUMAN NADP-	1.6
	125675	BE294972	Hs.56406	Homo sapiens cDNA FLJ13549 fls, clone PL	1.6
	129707	AW572317	Hs.12082	Homo sapiens mRNA; cDNA DKFZp566L203 (fr	1.6
	127569	AJ765107	Hs.274422	hypothetical protein FLJ20550	1.6
20	113302	T66919	Hs.268575	ESTs	1.6
	119705	AJ984203	Hs.57874	ESTs	1.6
	127226	AL036559	Hs.3463	ribosomal protein S23	1.6
	123489	AA599708		gb:ag11a10.s1 Gessler Wilms tumor Homo s	1.6
	107468	AA740979	Hs.91389	ESTs	1.6
25	115916	AJ052731	Hs.91910	ESTs	1.6
	127815	AA743490	Hs.255015	ESTs	1.6
	100364	NM_004341	Hs.154868	carbamoyl-phosphate synthetase 2, aspart	1.6
	125568	AW615396	Hs.105513	ESTs	1.6
	105260	N81201	Hs.31755	ESTs	1.6
30	125659	T57693	Hs.87929	Homo sapiens cDNA FLJ13707 fls, clone PL	1.6
	111275	N70970	Hs.35006	ESTs	1.6
	106542	AA339541	Hs.24956	hypothetical protein FLJ22056	1.6
	133423	T84084	Hs.196008	Homo sapiens cDNA FLJ11723 fls, clone HE	1.6
	124770	AA954414	Hs.120429	ESTs	1.6
35	117936	AI382904	Hs.47213	ESTs	1.6
	134385	M14690	Hs.169274	ESTs, Highly similar to IFT2_HUMAN INTER	1.6
	108367	AW410478	Hs.104019	transforming, acidic coiled-coil contain	1.6
	131143	NM_000312	Hs.2351	protein C (inactivator of coagulation fa	1.6
	105441	N28522	Hs.8935	quinolinate phosphoribosyltransferase (n	1.6
40	128215	AA973310		gb:exp91e06.s1 Soares_NFL_T_GBC_S1 Homo s	1.6
	127344	AJ003929	Hs.80624	hypothetical protein MGC2560	1.6
	126478	BE541249	Hs.108697	ESTs	1.6
	122053	AJ837498	Hs.98745	ESTs	1.5
	111760	BE551929	Hs.268754	Homo sapiens cDNA FLJ11949 fls, clone HE	1.5
45	112401	R61279	Hs.237536	ESTs, Weakly similar to AF151067 1 HSPC2	1.5
	103023	AW500470	Hs.117850	multifunctional polypeptide similar to S	1.5
	125575	H14983		gb:ym19h09.r1 Soares infant brain 1N1B H	1.5
	128765	AF073310	Hs.143648	Insulin receptor substrate 2	1.5
	108935	AA147848	Hs.87991	hypothetical protein DKFZp434G0522	1.5
50	121221	AI140708	Hs.97461	ESTs	1.5
	120091	AW024672	Hs.59558	EST	1.5
	107375	BE011845	Hs.251064	high-mobility group (nonhistone chromoso	1.5
	125803	AW876115	Hs.29852	ESTs	1.5
	115132	AA811762	Hs.71433	ESTs	1.5
55	113346	AF143876	Hs.14318	Homo sapiens clone IMAGE:113399 mRNA seq	1.5
	107357	U83973	Hs.103601	rhodopsin kinase	1.5
	125443	BE251057	Hs.177592	ribosomal protein, large, P1	1.5
	133803	M24461	Hs.78305	surfactant, pulmonary-associated protein	1.5
	113378	T80738	Hs.14767	ESTs	1.5
60	105540	BE391690	Hs.9265	hypothetical protein FLJ20917	1.5
	127446	F13008		gb:HSC3HE011 normalized Infant brain cDN	1.5
	134075	NM_012201	Hs.78979	Golgi apparatus protein 1	1.5
	127585	AA604144	Hs.190632	ESTs	1.5
	125824	Z45258	Hs.286013	short coiled-coil protein	1.5
65	127806	AA621135	Hs.136552	ESTs	1.5
	126585	AW298113	Hs.92909	SON DNA binding protein	1.5
	107757	BE621721	Hs.280792	hypothetical protein FLJ12387 similar to	1.5
	109978	H08356	Hs.22528	ESTs	1.5
	132297	BE272446	Hs.265317	hypothetical protein MGC2562	1.5
70	115784	AW402151	Hs.54573	tumor necrosis factor (ligand) superfam	1.5
	127880	W39735	Hs.73818	ubiquinol-cytochrome c reductase hinge p	1.5
	102305	AL043202	Hs.90073	chromosome segregation 1 (yeast homolog)	1.5
	102868	X02419	Hs.77274	plasminogen activator, urokinase	1.5
	133457	J04948	Hs.333509	alkaline phosphatase, placental-like 2	1.5
75	130339	AA435745		gb:zt79e03.s1 Soares_testis_NHT Homo sap	1.5
	125444	M28476	Hs.159161	Rho GDP dissociation inhibitor (GDI) alp	1.5
	123470	AW303285	Hs.303632	Human DNA sequence from clone RP11-110H4	1.5
	100025				1.5
	127063	AI276526	Hs.331584	Homo sapiens mRNA; cDNA DKFZp434H1215 (f	1.5
80	127945	AA815031	Hs.123598	ESTs	1.5
	111557	R09510	Hs.20373	EST	1.5
	116009	AW137635	Hs.44238	ESTs, Weakly similar to S65657 alpha-1C-	1.5
	119858	W01370	Hs.46824	ESTs	1.5
	106509	AJ042309	Hs.64552	hypothetical protein MGC15563	1.5
	124124	AW294404	Hs.144515	Homo sapiens cDNA FLJ11672 fls, clone HE	1.5
	126713	AW249181	Hs.19954	ESTs, Weakly similar to T19873 hypotheti	1.5
	126475	AW959075	Hs.238797	ESTs, Moderately similar to 138022 hypot	1.5

	126851	R40611	Hs.137565	ESTs	1.5
	104820	AW182768	Hs.22620	ESTs	1.5
	127235	AI817309	Hs.225583	ESTs, Weakly similar to 2004399A chromos	1.5
5	126552	AF168711	Hs.159397	x D10 protein	1.5
	127523	AA617637		gb:np34h12.s1 NCI_CGAP_Lu1 Homo sapiens	1.5
	131692	BE559681	Hs.30736	KIAA0124 protein	1.5
	112974	AL353965	Hs.101174	microtubule-associated protein tau	1.5
	118921	N91914	Hs.54751	ESTs	1.5
10	100676	X02761	Hs.287820	fibronectin 1	1.5
	127721	T59578	Hs.188440	ESTs, Weakly similar to ALUF_HUMAN III	1.5
	115254	AA279024	Hs.269316	ESTs, Weakly similar to S65657 alpha-1C	1.5
	128173	AJ457242	Hs.127024	ESTs	1.5
	126846	AA663527	Hs.116910	ESTs	1.5
15	125294	R40025	Hs.106551	ESTs	1.5
	127494	AW978730	Hs.291958	ESTs, Weakly similar to ALU8_HUMAN ALU S	1.5
	134191	W26632	Hs.7979	KIAA0736 gene product	1.5
	107394	AA864798	Hs.186180	Homo sapiens cDNA: FLJ23038 fls, clone L	1.5
	131562	NM_003512	Hs.28777	H2A histone family, member L	1.5
20	127310	AW450671	Hs.169284	ESTs	1.5
	122359	AA523486		gb:nl87f11.s1 NCI_CGAP_Pr12 Homo sapiens	1.5
	100624	M80902	Hs.163704	ubiquitin C	1.5
	128422	T77794		gb:yd2hd09.r1 Soares fetal liver spleen	1.5
	129902	AA076278	Hs.13277	hypothetical protein FLJ22054	1.5
25	126784	T81887	Hs.108854	HSPC163 protein	1.5
	123343	AJ761902	Hs.99597	ESTs	1.5
	105458	AW954377	Hs.26412	ring finger protein 26	1.5
	112266	AI652534	Hs.25934	ESTs, Weakly similar to HSHU11 histone H	1.5
	127622	AA628222	Hs.97883	ESTs	1.5
30	113659	R06645	Hs.189781	ESTs, Weakly similar to ALU1_HUMAN ALU S	1.5
	116892	AI573283	Hs.38458	ESTs	1.5
	126995	NM_014351	Hs.189810	auroranase family 4A, member 1	1.5
	111657	R07364	Hs.268667	ESTs, Weakly similar to ALU1_HUMAN ALU	1.5
	100243	AB028125	Hs.77854	regucalcin (senescence marker protein-30	1.5
35	116153	AF107203	Hs.57937	ataxin 2-binding protein 1	1.5
	108892	AK000002	Hs.55879	Homo sapiens mRNA; cDNA DKFZp434L0827 (f	1.5
	113294	AJ037922	Hs.11000	leptin receptor overlapping transcript-1	1.5
	126691	W03046	Hs.283684	aspartate beta-hydroxylase	1.5
	106979	AW015227	Hs.289053	hypothetical protein FLJ14733	1.5
40	126546	H09950		gb:ym01d12.r1 Soares infant brain 1N1B H	1.5
	113990	AJ497945	Hs.83097	hypothetical protein FLJ22955	1.5
	129295	U63127	Hs.110121	SEC7 homolog	1.5
	125431	AW851639	Hs.75584	polymyositis/scleroderma autoantigen 2 (	1.5
	112558	AK001621	Hs.15921	hypothetical protein FLJ10759	1.5
45	122046	AI560456	Hs.107319	ESTs	1.5
	122472	AA448509	Hs.128652	ESTs	1.5
	130753	AA205223	Hs.189	phosphodiesterase 4C, cAMP-specific (du	1.5
	131714	AA642831	Hs.31016	putative DNA binding protein	1.5
	101233	AL135173	Hs.878	sorbitol dehydrogenase	1.5
50	109501	AF047437	Hs.80436	sperm associated antigen 7	1.5
	126984	AA213820	Hs.256533	ESTs, Weakly similar to S11498 finger pr	1.5
	125765	BE243877	Hs.76941	ATPase, Na+/K+ transporting, beta 3 poly	1.5
	127693	AA676727		gb:zf68b11.s1 Soares fetal liver spleen,	1.5
	128453	X02761	Hs.287820	fibronectin 1	1.5
55	119418	T97590	Hs.221711	ESTs, Weakly similar to ALU1_HUMAN ALU	1.5
	132669	W38586	Hs.293981	guanine nucleotide binding protein (G pr	1.5
	116708	F10528	Hs.70001	ESTs, Moderately similar to JC9169 nucl	1.5
	122420	AA448971		gb:zw86f11.s1 Soares total fetus Nb2HFB_	1.5
	100238	L24959	Hs.348	calcium/calmodulin-dependent protein kin	1.5
	109710	D20044	Hs.12929	hypothetical protein FLJ20721	1.5
60	105704	AI282341	Hs.75431	fibrinogen, gamma polypeptide	1.5
	112712	R91060	Hs.330781	ESTs	1.5
	100098	AF003743		gb:Homo sapiens delayed rectifier potass	1.5
	114122	R46128	Hs.12751	ESTs	1.5
65	132397	AA021160	Hs.4750	hypothetical protein DKFZp554K0822	1.5
	107881	AI568350	Hs.61273	hypothetical protein MGC2650	1.5
	106302	AA398889	Hs.18397	hypothetical protein FLJ23221	1.5
	125898	AK001823	Hs.92287	Homo sapiens mRNA; cDNA DKFZp554C2478 (f	1.5
	104957	AI359009	Hs.10026	mitochondrial ribosomal protein L17	1.5
70	102909	NM_006269	Hs.2893	glioma-associated oncogene homolog (zinc	1.5
	125569	BE297489	Hs.279877	cell division protein FtsJ	1.5
	109534	H17063	Hs.183646	ESTs	1.5
	116607	W05238	Hs.94318	ESTs, Weakly similar to T31613 hypotheti	1.5
	127175	R11937		gb:yf54b08.r1 Soares infant brain 1N1B H	1.5
75	110817	W93231	Hs.285901	Homo sapiens, clone IMAGE:3948583, mRNA,	1.5
	125988	W27648		gb:37e10 Human retina cDNA randomly prim	1.5
	115093	AI241932	Hs.3542	hypothetical protein FLJ11273	1.5
	121207	AA705799	Hs.183714	ESTs	1.5
	112652	BE269599	Hs.235782	solute carrier family 21 (organic anion	1.5
80	125213	AB014554	Hs.105299	protein tyrosine phosphatase, receptor t	1.5
	125912	AW867467	Hs.278712	eukaryotic translation initiation factor	1.5
	133046	R95881	Hs.63609	Hpa1 tiny fragments locus 9C	1.5
	122791	AL122055	Hs.129836	KIAA1028 protein	1.5

Table 253

5	Pkey: CAT number: Accession:		Unique Eos probe set identifier number Gene cluster number Genbank accession numbers
	Pkey	CAT number	Accession
10	108451	13766_27	AA079195 AA084955 AA126308 AA084956
	124195	2606_3	H83034 H52379
	123619	371681_1	AA602964 AA609200
	125165	1852047_1	W45350 W45406
	125324	1692163_1	R07785 T85948 T86972
15	126053	1601238_1	H64460 H64464
	126086	1606216_1	H75681 H70975
	126098	1629789_1	M79088 N88221
	125464	168460_1	N71807 AA203399
	125499	1562851_1	H10543 R11878
20	126127	1205826_1	N95428 W24040 AW751366 H81987
	125546	358478_1	H09950 R18413 AA570553 AW973425
	125549	1702179_1	R20215 R18767
	125558	1703083_1	R59305 R19748
	125575	1566885_1	H14983 R21554
	125743	5025_5	H17151 H11956
25	125761	1744008_1	R68351 R68364
	126426	110687_1	AA125984 AA127189 AA065075 AA070377 AA100017 AA079891 AA113255 AA075168 AA082764 AA083380 N84829 AA084752 AA076512 AA086119 AA086208 AA085045
	127155	200358_1	AA284993 AA478122 AA477923
30	127175	1695805_1	R11937 Z45532
	126528	1276201_1	Z24895 AW691336 R01294
	126957	1583542_1	H41694 H45213
	125976	296453_1	AA436760 AW237453 BE327496 N47347 N56967
	125982	1766315_1	R98091 W92898
35	125988	1365728_1	W27648 R99193 BE090398
	127245	228662_1	AA323958 AA370268
	127248	227560_1	AA364195 AA325029 AW962050
	127262	231725_1	AA828125 AA834883 AA330555
	126659	1541209_1	T16245 R19694 F13545 H10299 T68048 T65279 H18006
	126693	87363_1	C05723 AA018342
40	127315	37938_1	AF116622 AI114507 AA640834 AA377999
	126730	297653_1	AA442429 T19477
	103898	187213_3	AA248884
	127446	16001_2	F13008 T75435
45	126826	127356_1	AA099764 AA112950
	126872	142696_1	AW450979 AA136653 AA136656 AW419381 AA984358 AA492073, BE168945 AA809054 AW238038 BE011212 BE011359 BE011367 BE011358 BE011362 BE011215 BE011365 BE011363 AA225632 AI820970 AI820952 AA226472 AI732140 AI732059 AA226307 AA225500
50	127523	351071_1	AA617637 AA554963
	126982	171753_1	AA211419 AA211566
	128215	530345_1	AA973310
	127704	405690_1	AA679609 AA694592
	127705	966283_2	AJ003322 AJ003324
55	128422	1811283_1	T77784 T85681
	127897	446527_1	AA773681 AA773857
	120734	208882_1	AA299848 AA299949
	100098	25117_13	AF003743
	114620	32062_8	AA642974 AA084223
60	122652		26401_30 AA454641
	100842		Egr_HT4398 U05587
	123783		genbank_AA610112
	125032		genbank_T74884
	123808		genbank_AA820552
	123864		genbank_AA620882
65	118049		genbank_N53145
	102408		entrez_U43177
	116962		genbank_H79677
	134076	40321_1	AF088215 W02702 AA284288 W25655
70	125888	266863_1	H18298 H46830
	127271	321389_1	H96820 H79463
	113119		genbank_T47910 T47910
	104799		genbank_AA029703 AA029703
	127693	790317_1	AA676727 AA704704
	120415		genbank_AA235810 AA235810
75	127964	135151_1	F06298 R18057
	122359		681003_1 AA523486 AW026780 AI821660 AA443898
	122420		genbank_AA446971
	124276		genbank_H83465
	101447		entrez_M21306
80	124540		genbank_N63232
	124554		genbank_N65961
	117357		genbank_N24829
	103305		entrez_X82279

103392	entrez_X94563
119416	genbank_T97186
105225	genbank_AA211777
121292	genbank_AA401807
112853	genbank_I02843
121387	genbank_AA405854
114601	genbank_AA075566
100221	entrez_D28383
130339	genbank_AA435746
100554	ligr_HT2241
123423	genbank_AA598484
123474	genbank_AA599209
123489	genbank_AA599708

TABLE 27A: ABOUT 895 GENES UP-REGULATED IN COMBINED LUNG FIBROSIS COMPARED TO NORMAL BODY

Table 27A lists about 895 genes that are upregulated in lung fibrosis (collection of IPF, HP, and NSIP) samples as compared with the normal "body map" samples. These were selected from about 59680 probesets on an Affymetrix/Eos Hu03 GeneChip array such that the ratio of "average" fibrosis sample expression level to "average" normal adult tissues was greater than or equal to about 2.0. The "average" fibrosis sample expression level was set to the 90<sup>th</sup> percentile amongst fibrosis samples. The "average" normal adult tissue level was set to the 95<sup>th</sup> percentile amongst non-malignant tissues. In order to remove gene-specific background levels of non-specific hybridization, the 15<sup>th</sup> percentile value amongst non-malignant tissues was subtracted from both the numerator and the denominator before the ratio was evaluated.

Pkey: Unique Eos probeset identifier number  
 ExAccn: Exemplar Accession number, Genbank accession number  
 UnigeneID: Unigene number  
 Unigene Title: Unigene gene title  
 R1: Ratio of fibrosis to normal body tissue

Pkey	ExAccn	Unigene ID	Unigene Title	R1
431164	AA493650	Hs.94367	Homo sapiens cDNA: FLJ23494 fis, clone L	56.0
424917	AJ636208	Hs.96901	Homo sapiens cDNA: FLJ23049 fis, clone L	26.5
453310	X70697	Hs.553	solute carrier family 6 (neurotransmitter)	25.5
457200	U33749	Hs.197764	thyroid transcription factor 1	22.2
414517	M24461	Hs.76305	surfactant, pulmonary-associated protein	21.1
429272	V25140	Hs.110667	ESTs	19.4
418007	M13509	Hs.83169	matrix metalloproteinase 1 (interstitial)	19.1
442006	AW975183	Hs.292663	ESTs	18.8
445885	A1734009	Hs.127699	KIAA1603 protein	18.0
440452	AJ925138	Hs.55150	ESTs, Weakly similar to CAYP_HUMAN CALCY	17.8
422426	V79117	Hs.58559	ESTs, Weakly similar to rhokin [M.musc	17.4
444929	AJ685841	Hs.161354	ESTs	16.5
440807	AW269421	Hs.128093	ESTs	16.3
408828	AF216077	Hs.48376	Homo sapiens clone HB-2 mRNA sequence	14.2
446957	AJ699529	Hs.156781	ESTs	13.3
417801	AA417383	Hs.82582	integrin, beta-like 1 (with EGF-like rep	12.3
437119	AJ379921	Hs.177043	ESTs	12.3
451103	R52804	Hs.25956	DKFZP564D208 protein	11.5
443450	N66045	Hs.133529	ESTs	11.4
411880	AW872477		gb:hm3003.x1 NCL_CGAP_Thy4 Homo sapiens	11.3
432519	AJ221311	Hs.130704	ESTs	11.3
414142	AW368397	Hs.150042	ESTs	11.0
433283	BE041135	Hs.175622	ESTs	10.1
441082	AW444804	Hs.202655	ESTs	10.1
452039	AJ922988	Hs.172510	ESTs	10.0
417204	N81037	Hs.1074	surfactant, pulmonary-associated protein	9.9
421952	AA300900	Hs.98849	ESTs, Moderately similar to AF161511.1 H	9.8
412372	R65998	Hs.118615	ESTs	9.8
428274	D38122	Hs.2007	tumor necrosis factor (ligand) superfam	9.7
431007	AF039564	Hs.248211	retinoblastoma-binding protein 9	9.4
443709	AJ082692	Hs.134652	ESTs	9.3
448232	AJ281848	Hs.165547	ESTs	9.2
448253	H25899	Hs.201591	ESTs	9.2
432133	AB033088	Hs.272587	KIAA1262 protein	9.1
409238	AL049990	Hs.51515	Homo sapiens mRNA; cDNA DKFZp564G112 (fr	9.0
431353	AA828032	Hs.189076	ESTs	8.8
460050	AJ681268	Hs.257883	ESTs	8.8
458194	AW383618	Hs.285459	ESTs, Moderately similar to ALU2_HUMAN A	8.8
414968	C16096	Hs.297777	ESTs	8.7
425664	AJ006276	Hs.158003	transient receptor potential channel 6	8.7
408562	AJ436323	Hs.31141	Homo sapiens mRNA for KIAA1568 protein,	8.6
453872	U73531	Hs.34526	G protein-coupled receptor	8.5
429420	AK001679	Hs.202289	hypothetical protein FLJ10376	8.5
421478	AJ683243	Hs.97258	ESTs	8.4
404916				8.4
444396	T66213	Hs.4257	ESTs	8.3
442275	AW449467	Hs.54795	ESTs	8.3
437479	R61866	Hs.101277	ESTs	8.2
432203	AA305746	Hs.49	macrophage scavenger receptor 1	8.2
431433	X65018	Hs.253495	surfactant, pulmonary-associated protein	7.9
406747	AJ925153	Hs.217493	annexin A2	7.8



	445537	AJ245671	Hs.12844	EGF-like domain, multiple 6	7.7
	450025	AK001875	Hs.24321	Homo sapiens cDNA FLJ12028 fis, clone HE	7.6
	421798	N74880	Hs.264330	N-acylsphingosine amidohydrolase (acid c	7.5
5	421155	H87879	Hs.102267	lysyl oxidase	7.5
	446917	AI347863	Hs.156672	ESTs	7.5
	422798	R92347	Hs.34574	ESTs	7.4
	426830	AA385751	Hs.160392	ESTs	7.4
	437157	BE048860	Hs.120655	ESTs	7.4
10	433231	AB040926	Hs.143552	KIAA1493 protein	7.3
	451581	H52812	Hs.177403	ESTs	7.1
	430656	AA482900	Hs.162080	ESTs	7.1
	448206	BE622585	Hs.3731	ESTs	7.1
	420209	AA256444	Hs.32295	Homo sapiens cDNA FLJ12604 fis, clone NT	7.0
15	426803	AA382568	Hs.179747	ecotropic viral integration site 5	6.9
	427383	NM_005411	Hs.177582	surfactant, pulmonary-associated protein	6.9
	409718	D86640	Hs.56045	src homology three (SH3) and cysteine ri	6.8
	443324	R44013	Hs.164225	ESTs	6.8
	431924	AK000850	Hs.272203	Homo sapiens cDNA FLJ20843 fis, clone AD	6.8
20	427356	AW023482	Hs.97849	ESTs	6.7
	418735	N48769	Hs.44609	ESTs	6.7
	429945	NM_006729	Hs.226483	claphanous (Drosophila, homolog) 2	6.6
	407510	U96191		gb:Human trophoblast hypoxia-regulated f	6.6
	430099	AW94988	Hs.20537	Homo sapiens cDNA FLJ13942 fis, clone Y7	6.6
25	441835	AB036432	Hs.184	advanced glycosylation end product-speci	6.5
	428508	BE252383	Hs.184668	SBB31 protein	6.5
	438202	AW169287	Hs.22568	ESTs	6.5
	441233	AA972965	Hs.135568	ESTs	6.4
	433384	AI021992	Hs.124244	ESTs	6.3
	427043	AA397679	Hs.298460	ESTs	6.3
30	425921	NM_007231	Hs.162211	solute carrier family 6 (neurotransmitte	6.3
	438909	AF085839		gb:Homo sapiens full length insert cDNA	6.3
	433365	AF026944	Hs.293797	ESTs	6.3
	456964	H59846	Hs.128355	ESTs, Moderately similar to ALU7_HUMAN A	6.2
35	445186	AW614544	Hs.123641	protein tyrosine phosphatase, receptor t	6.2
	431337	N48107	Hs.292593	ESTs	6.1
	434819	AA650099	Hs.291541	ESTs	6.0
	458219	H22195	Hs.31874	ESTs	6.0
	434377	AW137148	Hs.136348	osteoblast specific factor 2 (fasciclin	5.9
40	435933	AA805520	Hs.192075	ESTs	5.9
	436954	AA740151	Hs.130425	ESTs	5.9
	445424	AB026945	Hs.12696	contactin SH3 domain-binding protein	5.8
	449108	AI140683	Hs.98328	ESTs	5.8
	410334	AW979261	Hs.291993	ESTs	5.7
	447112	H17800	Hs.7154	ESTs	5.7
45	447700	AI420183	Hs.171077	ESTs, Weakly similar to similar to serin	5.7
	449208	AW263635	Hs.48643	ESTs	5.7
	445657	AW612141	Hs.279575	ESTs	5.7
	421554	AW137676	Hs.97775	ESTs, Weakly similar to Testis-specific	5.7
50	435299	AI745458	Hs.122614	ESTs, Weakly similar to apoptotic protea	5.6
	416769	AI339257	Hs.115436	ESTs	5.6
	433527	AW235613	Hs.133020	ESTs	5.6
	452771	T05477		gb:EST03366 Fetal brain, Stratagene (cat	5.6
	427585	D31152	Hs.179729	collagen, type X, alpha 1 (Schmid metaph	5.5
55	411514	AW850178	Hs.18995	KIAA1304 protein	5.5
	424084	AI940675	Hs.20914	Homo sapiens cDNA: FLJ23055 fis, clone L	5.5
	444527	NM_005408	Hs.11383	small inducible cytokine subfamily A (Cy	5.4
	429710	AI337113	Hs.146025	Homo sapiens cDNA: FLJ23694 fis, clone L	5.4
	432113	AA935065	Hs.152365	ESTs	5.4
60	447997	H00656	Hs.29792	ESTs	5.4
	449328	AI962493	Hs.197647	ESTs	5.3
	416575	W02414	Hs.38383	ESTs	5.3
	432009	AL137424		gb:Homo sapiens mRNA; cDNA DKFZp761G2123	5.3
	434088	AF116677	Hs.249270	hypothetical protein PRO1988	5.3
65	444342	NM_014308	Hs.10887	similar to lysosome-associated membrane	5.2
	414299	AA142969	Hs.71730	ESTs	5.2
	431041	AA490967	Hs.105276	ESTs	5.2
	448104	AI874818	Hs.178391	ribosomal protein L44	5.2
	445279	R41800	Hs.22245	ESTs	5.1
70	408978	AL133617	Hs.49421	Homo sapiens mRNA; cDNA DKFZp434M0728 (f	5.1
	415094	D59513		gb:HUM042H108 Clontech human fetal brain	5.1
	428244	AI564123	Hs.42500	ADP-ribosylation factor-like 5	5.1
	452784	BE463857	Hs.151258	Homo sapiens cDNA: FLJ21062 fis, clone C	5.1
	455431	AW938484	Hs.80738	sialophorin (gpL115, leukosialin, CD43)	5.1
75	449416	AI651016	Hs.246311	ESTs	5.1
	421659	NM_014459	Hs.106511	protocadherin 17	5.1
	407638	AJ404672	Hs.288693	Homo sapiens cDNA FLJ11667 fis, clone HE	5.0
	446164	AW273539	Hs.199329	Homo sapiens cDNA: FLJ23577 fis, clone L	5.0
	413048	IA93221	Hs.75182	mammosome receptor, C type 1	5.0
80	446608	N75217	Hs.257846	ESTs	4.9
	419807	R77402		gb:y175f11.s1 Soares placenta Nb2HP Homo	4.9
	447164	AF026941	Hs.17518	Homo sapiens c1g5 mRNA, partial sequence	4.9
	442652	AI005163	Hs.201378	ESTs, Weakly similar to KIAA0944 protein	4.9
	429496	AA453800	Hs.192793	ESTs	4.8

	429859	NM_007050	Hs.225952	protein tyrosine phosphatase, receptor t	4.8
	432824	AK001783	Hs.279012	hypothetical protein FLJ10921	4.8
	425509	AF079363	Hs.158213	sperm associated antigen 6	4.8
5	424717	H03754	Hs.152213	wingless-type MMTV integration site fami	4.8
	436061	AI248584	Hs.190745	Homo sapiens cDNA: FLJ21326 fts, clone C	4.8
	444218	AF070641	Hs.10684	Homo sapiens clone 24421 mRNA sequence	4.7
	453382	AA709285	Hs.5897	Homo sapiens cDNA FLJ13078 fts, clone NT	4.7
	447033	AI357412	Hs.157601	ESTs	4.7
10	417235	AA810278	Hs.24250	ESTs	4.7
	418200	AW629751	Hs.206654	ESTs, Weakly similar to alternatively sp	4.7
	427652	AI673025	Hs.43874	ESTs	4.7
	431255	AA497043	Hs.115685	ESTs	4.7
	441143	AI027604	Hs.159850	ESTs	4.7
	452293	AI871833		gb:wm51h09.x1 NCL_CGAP_Ut2 Homo sapiens	4.7
15	443903	AI220547	Hs.135223	ESTs	4.7
	422352	AA766286	Hs.99200	ESTs	4.7
	424105	AI142336	Hs.43977	ESTs	4.6
	439759	AL359055	Hs.67709	Homo sapiens mRNA full length insert cDN	4.6
20	428227	AA321649	Hs.2248	small inducible cytokine subfamily B (Cy	4.6
	430510	AW162915	Hs.241576	hypothetical protein PRO2577	4.6
	425804	BE501698	Hs.268189	ESTs	4.6
	435347	AW014873	Hs.116963	ESTs	4.6
	446002	AI346468	Hs.145789	ESTs	4.6
25	452883	X80031	Hs.150318	ESTs	4.5
	442176	AA983764	Hs.128910	ESTs	4.6
	443253	AI041212	Hs.132117	ESTs	4.5
	419556	U29615	Hs.91093	chitinase 1 (chitinotrioidase)	4.5
	439920	H05430	Hs.144455	ESTs	4.5
30	421502	AF111856	Hs.105039	solute carrier family 34 (sodium phospho	4.5
	444424	AI811202	Hs.125365	Homo sapiens cDNA: FLJ23523 fts, clone L	4.4
	408625	AW243323	Hs.266785	ESTs	4.4
	449299	AA295919		gb:EST12592 Uterus tumor 1 Homo sapiens	4.4
	450656	AA010539	Hs.18912	ESTs	4.4
35	433815	AI696602	Hs.112757	ESTs	4.4
	416879	H98889	Hs.42599	ESTs	4.3
	432182	AW607789	Hs.293119	ESTs, Weakly similar to ALU7_HUMAN ALU S	4.3
	445385	AI422005	Hs.160380	ESTs	4.3
	450478	AW451709	Hs.271200	ESTs	4.3
40	453080	AI423056	Hs.23921	Homo sapiens cDNA FLJ12482 fts, clone NT	4.3
	435496	AW840171	Hs.265398	ESTs, Weakly similar to transformation-r	4.3
	443257	AI334040	Hs.11614	Homo sapiens cDNA: FLJ23555 fts, clone L	4.3
	453921	AI824009	Hs.44577	ESTs	4.3
	419721	NM_001650	Hs.288650	aquaporin 4	4.2
45	432316	AW973235	Hs.293697	ESTs	4.2
	436202	AI971313	Hs.170204	KIAA0551 protein	4.2
	440320	AA879294		gb:cnw86e09.s1 NCL_CGAP_P:12 Homo sapiens	4.2
	438796	W57821	Hs.109590	genethonin 1	4.2
	400269				4.2
50	447724	AW298375	Hs.24477	ESTs	4.1
	446509	AF169693	Hs.132892	protocadherin 20	4.1
	451620	AW449888	Hs.257224	ESTs	4.1
	451863	AI825440	Hs.224952	ESTs	4.1
	456408	AI288348	Hs.23450	mRNA for FLJ00023 protein	4.1
55	425895	AI269484	Hs.161427	zinc finger protein 215	4.1
	447048	AW393080	Hs.228320	Homo sapiens cDNA: FLJ23537 fts, clone L	4.1
	454024	AA993527	Hs.16281	hypothetical protein FLJ23403	4.0
	415929	AA724373	Hs.295306	ESTs, Highly similar to unnamed protein	4.0
	426625	T78300	Hs.171409	serologically defined colon cancer antig	4.0
60	434334	AA912476	Hs.116750	Homo sapiens cDNA FLJ13221 fts, clone NT	4.0
	437138	AI935622	Hs.271245	ESTs	4.0
	455024	AW851309		gb:IL3-CT0220-170200-067-C11 CT0220 Homo	4.0
	436246	AW450963	Hs.119991	ESTs	4.0
	416030	H15261	Hs.21948	ESTs	4.0
65	459267	AI003631		gb:AJ003631 Selected chromosome 21 cDNA	3.9
	445122	AW241632	Hs.147377	Homo sapiens cDNA: FLJ23598 fts, clone L	3.9
	414812	X72755	Hs.77387	monokine induced by gamma interferon	3.9
	421160	AL080215	Hs.102301	Homo sapiens mRNA: cDNA DKFZp586J0323 (f	3.9
	425734	AF066209	Hs.159396	peptidylglycine alpha-amidating monooxyg	3.9
70	429208	AA447990	Hs.190478	ESTs	3.9
	442857	AI949952	Hs.49397	ESTs	3.9
	444050	AW138295	Hs.135024	ESTs	3.9
	444078	BE246919	Hs.10290	U5 snRNP-specific 40 kDa protein (hPp8-	3.9
	451024	AA442176		gb:zw63b08.r1 Soares_totaletus_Nb2HF8_	3.9
75	442832	AW206560	Hs.253569	ESTs	3.9
	423377	AL049377		gb:Homo sapiens mRNA: cDNA DKFZp586H0718	3.9
	451895	T93573	Hs.16970	ESTs	3.9
	442353	BE379584	Hs.49136	ESTs	3.8
	421464	AA291553	Hs.190086	ESTs	3.8
80	404043				3.8
	407055	X89211		gb:H.sapiens DNA for endogenous retrovir	3.8
	410008	AA079552		gb:zm20h12.s1 Stralagene pancreas (93720	3.8
	410247	AF181721	Hs.61345	RIJ2S	3.8
	417461	R38403	Hs.13305	ESTs	3.8

	423609	AA328348	Hs.218289	ESTs	3.8
	440444	AA885221	Hs.156984	ESTs	3.8
	446254	BE179829	Hs.179852	Homo sapiens cDNA FLJ12832 fis, clone NT	3.8
5	447505	AL049266	Hs.18724	Homo sapiens mRNA; cDNA DKFZp564F093 (fr	3.8
	423244	AL039379	Hs.209602	ESTs, Weakly similar to ubiquitous TPR m	3.8
	446921	AB012113	Hs.16630	small inducible cytokine subfamily A (Cy	3.8
	444271	AW452569	Hs.149804	ESTs	3.8
	434217	AW014795	Hs.23349	ESTs	3.8
10	452571	W31518	Hs.34665	ESTs	3.7
	423575	C18863	Hs.163443	Homo sapiens cDNA FLJ11576 fis, clone HE	3.7
	408771	AW732573	Hs.47584	potassium voltage-gated channel, delayed	3.7
	431322	AW970622		gb:EST382704 MAGE resequences, MAGK Homo	3.7
	445034	AW293375	Hs.160323	ESTs	3.7
15	438842	AA827176	Hs.124316	ESTs	3.7
	424906	AI566086	Hs.153716	Homo sapiens mRNA for Hmob33 protein, 3'	3.7
	415025	AW207091	Hs.72307	ESTs	3.7
	420313	AB023230	Hs.98427	KIAA1013 protein	3.7
	423448	AK000776	Hs.128753	Homo sapiens cDNA FLJ20769 fis, clone CO	3.7
20	433492	AW805849		gb:MR0-HT0241-200100-006-g02 HT0241 Homo	3.7
	434836	AA083764	Hs.241334	ESTs	3.7
	435747	AI079519	Hs.134388	ESTs	3.7
	458158	AW296778	Hs.300357	ESTs, Highly similar to dJ416F21.2 (H.s.s	3.7
	419261	X07876	Hs.89791	wingless-type MMTV Integration site faml	3.7
25	410060	NM_001448	Hs.58367	glypican 4	3.7
	426116	AA868729	Hs.144884	ESTs	3.7
	408203	AA780473	Hs.687	cytochrome P450, subfamily IVB, polypept	3.7
	414259	W44633	Hs.25044	Homo sapiens cDNA: FLJ23131 fis, clone L	3.7
	406671	AA129547	Hs.285754	met proto-oncogene (hepatocyte growth fa	3.6
30	431889	AA521277	Hs.124946	ESTs	3.6
	430414	AW365685	Hs.120388	ESTs	3.6
	433426	H69125	Hs.133525	ESTs	3.6
	421764	AI681535	Hs.99342	ESTs, Weakly similar to KCC1_HUMAN CALCI	3.6
	410785	AW803341		gb:IL2-UM0079-090300-050-D03 UM0079 Homo	3.6
	455235	AW875951		gb:CM1-PT0013-131299-087-009 PT0013 Homo	3.6
35	408399	NM_005426	Hs.44585	tumor protein p53-binding protein, 2	3.6
	429784	M89796	Hs.30	membrane-spanning 4-domains, subfamily A	3.6
	436982	AB018305	Hs.5378	spondin 1, (spondin) extracellular mat	3.6
	432231	AA339977	Hs.274127	CLST 11240 protein	3.6
40	432837	AA310693	Hs.279512	HSPC072 protein	3.6
	452166	AI948607	Hs.264680	ESTs	3.5
	458154	AW816379		gb:QV4-ST0234-181199-035-g01 ST0234 Homo	3.5
	420382	U79734	Hs.97206	huntingtin interacting protein 1	3.5
	424202	BE350295	Hs.15032	ESTs, Weakly similar to RAN binding prot	3.5
45	410658	AW105231	Hs.192035	ESTs	3.5
	415457	AW081710	Hs.7369	ESTs, Weakly similar to ALU1_HUMAN ALU S	3.5
	419503	AA243642	Hs.137422	ESTs	3.5
	439479	AI734258	Hs.245367	ESTs, Weakly similar to ALU1_HUMAN ALU S	3.5
	446404	BE089973		gb:RC6-BT0709-310300-021-G07 BT0709 Homo	3.5
50	424268	AA397653	Hs.144338	Human DNA sequence from clone 495Q10 on	3.5
	420637	AW978163		gb:EST388262 MAGE resequences, MAGN Homo	3.5
	450715	AI266484	Hs.31570	ESTs, Weakly similar to KIAA1324 protein	3.5
	428927	AA441837	Hs.90250	ESTs	3.5
	422544	AB018269	Hs.118140	KIAA0716 gene product	3.4
55	431207	AA495825	Hs.9394	ESTs	3.4
	424508	AL080103	Hs.149770	Homo sapiens cDNA FLJ13658 fis, clone PL	3.4
	441484	AA935481	Hs.56972	ESTs	3.4
	425916	NM_006786	Hs.162200	urotensin 2	3.4
	401783				3.4
60	431169	AW971240		gb:EST383329 MAGE resequences, MAGL Homo	3.4
	430038	AI732629	Hs.194161	ESTs, Weakly similar to TA2R HUMAN, BETA	3.4
	439519	AW978998	Hs.58595	ESTs	3.4
	446577	AB040833	Hs.15420	KIAA1500 protein	3.4
	450445	AW974638	Hs.194963	ESTs	3.4
65	459482	AA625339	Hs.237052	EST, Weakly similar to ALU1_HUMAN ALU SU	3.4
	445495	BE622641	Hs.38489	ESTs	3.4
	428743	AL080060	Hs.301549	Homo sapiens mRNA; cDNA DKFZp564H172 (fr	3.4
	425320	W47595	Hs.169300	transforming growth factor, beta 2	3.4
	432869	AW974094		gb:EST386197 MAGE resequences, MAGM Homo	3.3
70	419235	AW470411	Hs.288433	neurotrophin	3.3
	429703	T93154	Hs.28705	ESTs	3.3
	413499	BE144884		gb:CM0-HT0182-041099-065-e11 HT0182 Homo	3.3
	406182				3.3
	417307	N99573	Hs.3585	ESTs, Weakly similar to AF126743 1 DNAJ	3.3
75	430140	AW296771	Hs.221999	ESTs	3.3
	435111	AI803082	Hs.157212	ESTs	3.3
	449729	R72032	Hs.29235	ESTs	3.3
	457520	AA602711		gb:np03b06.s1 NC1_CGAP_Pr2 Homo sapiens	3.3
80	428434	AW363590	Hs.65551	ESTs, Weakly similar to AF172993 1 PLUNC	3.3
	406554				3.3
	451381	BE241831		gb:TCAAP2E0011 Pediatric acute myelogeno	3.3
	443113	AI040686	Hs.132908	ESTs	3.3
	421470	R27495	Hs.1378	annexin A3	3.3
	445428	AW082270	Hs.210617	ESTs, Weakly similar to ALU4_HUMAN ALU S	3.3

	435031	AI632091	Hs.116877	ESTs	3.3
	413136	BE066941		gb:PM0-BT0340-091259-002-a11 BT0340 Homo	3.2
	429228	AI553633	Hs.104985	ESTs	3.2
5	420252	AW270404	Hs.193161	ESTs	3.2
	423629	AW021173	Hs.18612	Homo sapiens cDNA: FLJ21909 fis, clone H	3.2
	444339	T96555	Hs.31562	ESTs	3.2
	434164	AW207019	Hs.148135	ESTs	3.2
	404599				3.2
10	426920	AA393351	Hs.132121	ESTs	3.2
	453736	AL118674	Hs.34871	KIAA0569 gene product	3.2
	408923	H73881	Hs.255438	ESTs	3.2
	430919	AA489041	Hs.295448	ESTs	3.2
	431622	AW979271	Hs.293184	ESTs	3.2
15	433684	AW295399		gb:U1-H-BI2-ahv-h-03-0-ULs1 NCL_CGAP_Su	3.2
	437073	AI685608	Hs.94122	ESTs	3.2
	438394	BE379623	Hs.27693	CGI-124 proteinh	3.2
	446242	N66336	Hs.7360	ESTs	3.2
	452542	AW812256		gb:RC0-ST0174-191099-031-a07 ST0174 Homo	3.2
20	454009	AW015927	Hs.233071	ESTs	3.2
	449765	N92293	Hs.206832	EST, Moderately similar to ALU8_HUMAN AL	3.2
	415652	T79213	Hs.272073	ESTs	3.2
	453931	AL121278	Hs.25144	ESTs	3.2
	439382	BE247684	Hs.103070	ESTs	3.2
25	420077	AW512260	Hs.87767	ESTs	3.2
	430437	AI768801	Hs.169943	Homo sapiens cDNA FLJ13569 fis, clone PL	3.2
	446745	AW118189	Hs.156400	ESTs	3.1
	408308	AL033377	Hs.44197	hypothetical protein DKFZp584D0462	3.1
	450320	AW291775	Hs.213793	ESTs	3.1
30	429597	NM_003816	Hs.2442	a disintegrin and metalloproteinase doma	3.1
	449523	NM_000579	Hs.54443	chemokine (C-C motif) receptor 5	3.1
	451110	AI955040	Hs.301584	ESTs	3.1
	431745	AW972448	Hs.163425	ESTs	3.1
	410781	AI376572	Hs.165028	ESTs	3.1
35	419546	AA244199		gb:nc00605.s1 NCL_CGAP_Pr1 Homo sapiens	3.1
	444330	AI597655	Hs.49265	ESTs	3.1
	408761	AA057284	Hs.238936	ESTs	3.1
	406026	AL137554	Hs.49927	Homo sapiens mRNA; cDNA DKFZp434H1720 (f	3.1
	432055	AW972359	Hs.293334	ESTs	3.1
40	432441	AW292425	Hs.163484	ESTs	3.1
	408045	AW138959	Hs.245123	ESTs	3.1
	427191	BE221825	Hs.97691	ESTs	3.1
	416955	N26223	Hs.160436	ESTs	3.1
	441594	AL041080	Hs.208765	ESTs	3.1
45	406992	S82472		gb:beta-pol=DNA polymerase beta (exon a	3.0
	431941	AK000106	Hs.272227	Homo sapiens cDNA FLJ20099 fis, clone CO	3.0
	438323	AI965394	Hs.123369	ESTs	3.0
	427698	AW972594	Hs.294140	ESTs	3.0
	424296	AI631874	Hs.189391	ESTs	3.0
50	450522	AI698839		gb:wd3102.x1 Soares_NFL_T_GBC_S1 Homo s	3.0
	407942	AA378608	Hs.5894	hypothetical protein FLJ10305	3.0
	417891	AA731452	Hs.199008	ESTs	3.0
	422589	AA312735	Hs.179725	ESTs	3.0
	437583	AA781190	Hs.244627	ESTs	3.0
55	452019	AL157503	Hs.27652	Homo sapiens mRNA; cDNA DKFZp586N2424 (f	3.0
	449494	AW237014	Hs.288650	aquaporin 4	3.0
	444188	AI393165	Hs.19175	ESTs	3.0
	400297	AI127076	Hs.288381	hypothetical protein DKFZp584O1278	3.0
	410811	AW805887	Hs.300648	ESTs	3.0
60	450584	AA040403	Hs.60371	ESTs	3.0
	428043	T92248	Hs.2240	uteroglobin	3.0
	436120	AI248193	Hs.119860	ESTs	3.0
	442324	R63578	Hs.28426	ESTs	2.9
	448693	AW004854	Hs.228320	Homo sapiens cDNA: FLJ23637 fis, clone L	2.9
65	425555	AA359291	Hs.130767	Homo sapiens cDNA: FLJ23553 fis, clone L	2.9
	431385	BE178536	Hs.11090	high affinity immunoglobulin epsilon rec	2.9
	408427	AW194270	Hs.177236	ESTs	2.9
	459587	AA031956		gb:zkl5e04.s1 Soares_pregnant_uterus_Nbh	2.9
	438128	AA904430	Hs.122049	ESTs, Weakly similar to U4/U5 small nucl	2.9
70	408938	AA059013	Hs.22807	ESTs	2.9
	419276	BE165909	Hs.134682	Homo sapiens cDNA: FLJ23161 fis, clone L	2.9
	422022	AA302420	Hs.200442	ESTs	2.9
	426890	AA393167	Hs.41294	ESTs	2.9
	427374	AI150033	Hs.143686	ESTs	2.9
75	434208	T92641	Hs.127648	hypothetical protein PRO2176	2.9
	446468	H38026	Hs.308	arrestin 3, retinal (X-arrestin)	2.9
	451229	AW967707	Hs.48473	ESTs	2.9
	415511	AI732617	Hs.182362	ESTs	2.9
	408776	AA057365	Hs.63356	ESTs	2.9
80	421110	AJ250717	Hs.1355	cathepsin E	2.9
	453636	R87837	Hs.169872	ESTs	2.9
	436578	AI091435	Hs.134859	ESTs	2.9
	426083	AW962712	Hs.126712	ESTs, Weakly similar to AF191020.1 E2IG5	2.9
	419231	AL046294	Hs.136245	ESTs, Weakly similar to dJ202121.4 [H.s	2.8

5	408171	AA301228	Hs.43289	Homo sapiens cDNA FLJ12890 fis, clone NT	2.8
	445189	AI936450	Hs.147482	ESTs	2.8
	419150	T29518	Hs.89540	TEK tyrosine kinase, endothelial (venous	2.8
	427457	AW779105	Hs.164682	ESTs, Weakly similar to ORF2 consensus s	2.8
	435082	AA664273	Hs.186104	Homo sapiens cDNA FLJ13803 fis, clone TH	2.8
10	446932	AA961459	Hs.125644	ESTs	2.8
	439140	W85737	Hs.290830	ESTs	2.8
	405041				2.8
	421306	AA806207	Hs.125889	ESTs	2.8
	427514	AA640773	Hs.209224	ESTs	2.8
15	427939	T92459	Hs.16886	ESTs	2.8
	429127	AA749382	Hs.107233	ESTs	2.8
	429590	AJ219490	Hs.44445	ESTs, Weakly similar to Ketch motif cont	2.8
	433163	R40465	Hs.163582	ESTs	2.8
	439635	AA477288	Hs.94891	Homo sapiens cDNA: FLJ22729 fis, clone H	2.8
20	448015	AI58085	Hs.23196	ESTs	2.8
	456761	D59899	Hs.127842	CGI-142	2.8
	457112	AW772449	Hs.288081	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.8
	449540	AA001713		gb:zh86e08.s1 Soares_fetal_liver_spleen_	2.8
	447020	T27308	Hs.16986	hypothetical protein FLJ11046	2.8
25	412610	X90908	Hs.74128	fatty acid binding protein 6, ileal (gas	2.8
	433515	AA595800	Hs.190246	ESTs	2.8
	424450	AL137526	Hs.147472	dynein intermediate chain 2	2.8
	438122	AI620270	Hs.129837	ESTs	2.8
	424086	AI351010	Hs.102267	lysyl oxidase	2.8
30	438805	AI886558	Hs.184987	ESTs	2.8
	412903	BE007967	Hs.155795	ESTs	2.8
	454111	AW081681	Hs.259064	ESTs	2.8
	439398	AA284267	Hs.221504	ESTs	2.8
	449802	AW901804	Hs.23984	hypothetical protein FLJ20147	2.8
35	434812	AA649880	Hs.189496	ESTs	2.8
	432583	AW023624	Hs.162282	ESTs	2.8
	428104	AA421350	Hs.191604	ESTs	2.8
	408217	AI433201	Hs.279860	hypothetical protein FLJ20030	2.8
	438016	AJ949638	Hs.109150	SH3-domain binding protein 5 (BTK-assoc)	2.8
40	436396	AI683487	Hs.299112	Homo sapiens cDNA FLJ11441 fis, clone HE	2.7
	430887	N68801	Hs.280267	ESTs, Weakly similar to ALU7_HUMAN ALU S	2.7
	446311	AW007294	Hs.149795	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.7
	416185	AW975861	Hs.291995	ESTs	2.7
	408613	AW242086	Hs.253967	ESTs	2.7
45	442510	AF150179	Hs.249890	ESTs	2.7
	433293	AF007835	Hs.32417	ESTs	2.7
	413875	BE176776		gb:RC3-HT0586-110300-011-g09 HT0586 Homo	2.7
	404488				2.7
	408936	AL138043	Hs.283549	ESTs	2.7
50	431980	AA523696	Hs.222695	Homo sapiens cDNA: FLJ20986 fis, clone C	2.7
	436738	AW102613	Hs.152913	ESTs	2.7
	451797	AW683858	Hs.56120	ESTs	2.7
	452163	AI853140		gb:tz43h12x1 NCL CGAP_Bm52 Homo sapien	2.7
	452778	F71338	Hs.5921	Homo sapiens cDNA: FLJ21592 fis, clone C	2.7
55	459368	AA129703		gb:zn92b05.r1 Stratagene lung carcinoma	2.7
	431448	AL137517	Hs.286381	hypothetical protein DKFZp564O1278	2.7
	430733	AW975920	Hs.283361	ESTs	2.7
	453852	AW009340	Hs.28368	ESTs	2.7
	453616	NM_003462	Hs.33846	dynein, axonemal, light intermediate pol	2.7
60	411905	BE266087		gb:601193893F1 NIH_MGC_7 Homo sapiens cD	2.7
	408729	AA195764	Hs.72639	ESTs	2.7
	450726	AW204600	Hs.264330	N-acylsphingosine amidohydrolase (acid c	2.7
	447720	AL038705	Hs.161304	ESTs	2.7
	461497	H83294	Hs.284122	Wnt inhibitory factor-1	2.7
65	442074	C17511	Hs.128430	ESTs	2.7
	424115	AA335497	Hs.293965	ESTs	2.7
	417728	AW138437	Hs.24790	KIAA1573 protein	2.7
	433803	AI823583	Hs.27688	ESTs	2.7
	419247	865791	Hs.89764	fragile X mental retardation 1	2.7
70	424310	AA338648	Hs.50334	ESTs	2.6
	438504	AW665281	Hs.224625	ESTs	2.6
	428486	BE178285	Hs.170058	Homo sapiens mRNA; cDNA DKFZp586B0220 (f	2.6
	430417	AA481045	Hs.50701	ESTs	2.6
	438297	AW515196	Hs.258238	ESTs, Moderately similar to ALU1_HUMAN A	2.6
75	422505	AL120862	Hs.124166	ESTs	2.6
	457285	AI038858	Hs.226780	ESTs, Highly similar to AF189597 1 A-tyr	2.6
	428657	AI375550	Hs.74407	nuclear protein p40; homolog of yeast	2.6
	431750	AA514986	Hs.283705	ESTs	2.6
	435575	AF213457	Hs.44234	triggering receptor expressed on myeloid	2.6
80	413385	M34455	Hs.840	indoleamine-pyrrole 2,3 dioxygenase	2.6
	403903				2.6
	407910	AA650274	Hs.41296	fibronectin leucine rich transmembrane p	2.6
	423424	AF150241	Hs.128433	prostaglandin D2 synthase, hematopoietic	2.6
	435043	AW953838	Hs.168830	Homo sapiens cDNA FLJ12136 fis, clone MA	2.6
	436645	AW023424	Hs.158520	ESTs	2.6
	408380	AF123050	Hs.44532	diubiquitin	2.6
	402629				2.6

	406594			2.6
	415122	D60708	Hs.22245	ESTs
	415747	AW876523	Hs.15929	Homo sapiens cDNA FLJ12910 fis, clone NT
5	420159	AI572490	Hs.99785	Homo sapiens cDNA: FLJ21245 fis, clone C
	444361	W76027	Hs.23920	Homo sapiens cDNA FLJ13124 fis, clone NT
	446609	BE395090	Hs.15535	Human gene from PAC 886K2, chromosome 1
	449260	AA741180	Hs.29879	ESTs
	452311	AW304029	Hs.252744	ESTs
10	413802	AW964490	Hs.32241	ESTs
	417318	AW953937	Hs.12891	ESTs
	440028	AW473675	Hs.125843	ESTs
	437960	AI669586	Hs.222194	ESTs
	433687	AA743991		gb:ny57g01.s1 NCL_CGAP_Pr18 Homo sapiens
15	430573	AA744550	Hs.136345	ESTs
	439737	AI751438	Hs.41271	Homo sapiens mRNA full length insert cDN
	453204	R10799	Hs.191990	ESTs
	436751	AA732217	Hs.294054	ESTs
20	408165	AL137573	Hs.43143	Homo sapiens mRNA: cDNA DKFZp584A2463 (f
	431120	AA482588		gb:mg99c08.s1 NCL_CGAP_Thy1 Homo sapiens
	446638	AL139063	Hs.15783	Homo sapiens mRNA: cDNA DKFZp434P1115 (f
	438458	AW975186	Hs.162875	ESTs, Weakly similar to ALU1_HUMAN ALU S
	446063	AI720140	Hs.151079	ESTs
	430499	AW969408	Hs.231991	ESTs
25	450496	AW449251	Hs.257131	ESTs
	441330	AI692984	Hs.129354	ESTs
	424433	HO4607	Hs.9218	ESTs
	434577	AW444575	Hs.130834	ESTs
	445779	AI253104	Hs.189267	ESTs
30	444649	AW207523	Hs.197628	ESTs
	415451	H19415	Hs.268720	ESTs, Moderately similar to ALU1_HUMAN A
	432222	AI204995		gb:an03c03.x1 Strategene schizo brain S1
	404288			
	408572	AA055611	Hs.225568	ESTs, Moderately similar to ALU4_HUMAN A
35	408727	AL137259	Hs.47115	hypothetical protein DKFZp434D0613
	408728	AL137379	Hs.47125	hypothetical protein FLJ13912
	410095	AW589638	Hs.258947	ESTs
	410947	AK000305	Hs.67055	hypothetical protein FLJ20298
	418343	AA216372	Hs.159501	ESTs
40	423401	NM_001992	Hs.128067	coagulation factor II (thrombin) recepto
	428637	AW979268		gb:EST391378 MAGE resequences, MAGP Homo
	429846	AB023021	Hs.225945	fucosyltransferase 9 [alpha (1,3) fucosy
	432507	BE391093		gb:601286042F1 NIH_MGC_44 Homo sapiens c
	433858	N69243	Hs.192974	Homo sapiens cDNA FLJ12735 fis, clone NT
45	438851	H64500	Hs.123646	ESTs
	443830	AI142095	Hs.143273	ESTs
	446800	AI341635	Hs.156486	ESTs
	450262	AW409872	Hs.271166	ESTs, Moderately similar to ALU7_HUMAN A
	451343	AW975057	Hs.293353	ESTs
50	451539	AA059467	Hs.218933	ESTs
	452412	AA029608	Hs.61373	ESTs
	454288	BE222648	Hs.278458	ESTs, Highly similar to c380A1.1b [Hsap
	445745	AB007924	Hs.13245	KIAA0455 gene product
	424943	AI077280	Hs.153924	death-associated protein kinase 1
55	440106	AA864968	Hs.127699	KIAA1603 protein
	458429	AV646569	Hs.12346	Homo sapiens cDNA: FLJ21399 fis, clone C
	415261	T40928	Hs.8346	ESTs
	420026	AI831190	Hs.166879	ESTs
	431806	AF186114	Hs.270737	tumor necrosis factor (ligand) superfamily
60	456722	AA741545	Hs.282832	ESTs
	419449	H18417	Hs.57483	Homo sapiens cDNA FLJ14294 fis, clone PL
	436260	BE172762	Hs.282710	ESTs, Weakly similar to ALU5_HUMAN ALU S
	433644	AW342028	Hs.256112	ESTs
	419172	AW338625	Hs.22120	ESTs
65	437982	N93486	Hs.121764	ESTs, Weakly similar to testicular takti
	443348	AW873596	Hs.57572	ESTs
	417218	AA005247	Hs.285754	met proto-oncogene (hepatocyte growth fa
	419236	AA330447	Hs.135159	Homo sapiens cDNA FLJ11481 fis, clone HE
	448030	N30714	Hs.20161	HDCME31P protein
70	417203	AA408341	Hs.268908	Homo sapiens cDNA FLJ11991 fis, clone HE
	449275	AW450848	Hs.205457	KIAA1620 protein
	436198	AK001125	Hs.300922	Homo sapiens cDNA FLJ10263 fis, clone HE
	452281	T93500	Hs.28792	Homo sapiens cDNA FLJ11041 fis, clone PL
	442191	W95186	Hs.8136	endothelial PAS domain protein 1
75	428571	NM_005531	Hs.2291	Probe hTg737 (polycystic kidney disease,
	453142	AA033848	Hs.7473	ESTs
	425657	T89839	Hs.119471	ESTs
	452822	X85689	Hs.288617	Homo sapiens cDNA: FLJ22621 fis, clone H
	416778	M16505	Hs.79876	steroid sulfatase (microsomal), arylsulf
80	458332	AI000341	Hs.220491	ESTs
	448140	AF146761	Hs.20450	BCAM-like membrane protein precursor
	459644			
	429125	AA446854	Hs.271004	ESTs
	448337	AW206453	Hs.3782	ESTs

	427778	AA412323	Hs.105323	ESTs	2.4
	425371	D49441	Hs.155981	mesothelin	2.4
	448299	AA497044	Hs.20887	hypothetical protein FLJ10392	2.4
5	447610	AW296286	Hs.255534	ESTs	2.4
	409619	AA075368		gb:zm86h10.r1 Stralagene ovarian cancer	2.4
	441006	AW505267	Hs.7627	CGI-60 protein	2.4
	440817	AI341423	Hs.270166	ESTs	2.4
	420020	BE295866	Hs.94382	adenosine kinase	2.4
10	435395	AA729235	Hs.117907	ESTs	2.4
	424144	AA454033	Hs.41644	Homo sapiens cDNA: FLJ23003 fis, clone L	2.4
	405494				2.4
	458145	AI239457	Hs.130794	ESTs	2.4
	408547	AA574291	Hs.57837	ESTs	2.4
15	408941	AI452469	Hs.165221	ESTs	2.4
	409457	AW818081		gb:CM4-ST0276-101299-059-b09 ST0276 Homo	2.4
	417137	U46265	Hs.81281	hypothetical protein	2.4
	418950	T78517	Hs.13941	ESTs	2.4
	420756	AA411800	Hs.189900	ESTs	2.4
20	428310	AI860775	Hs.98506	ESTs	2.4
	432896	NM_014097	Hs.279778	PRO1693 protein	2.4
	436148	BE005252		gb:CM1-BN0116-030400-171-g02 BN0116 Homo	2.4
	436284	AA708016	Hs.190389	ESTs	2.4
	437327	AL353942		gb:Homo sapiens mRNA; cDNA DKFZp761L2312	2.4
25	442611	BE077155	Hs.177637	ESTs	2.4
	456062	AI866286	Hs.71962	ESTs	2.4
	433014	NM_014711	Hs.279912	KIAA0419 gene product	2.4
	401335				2.4
	426771	AB028992	Hs.193143	KIAA1069 protein	2.4
30	419140	AI982647	Hs.215725	ESTs	2.4
	454693	AW813428		gb:MR3-ST0192-010200-210-c05 ST0192 Homo	2.4
	427785	X81053	Hs.180828	collagen, type IV, alpha 4	2.4
	407339	AA777542	Hs.132670	ESTs	2.4
	408369	R38438	Hs.182575	solute carrier family 15 (H+/peptide tra	2.4
35	427019	AA001732	Hs.173233	hypothetical protein FLJ10970	2.4
	431089	BE041395	Hs.283676	ESTs, Weakly similar to unknown protein	2.4
	452561	AI692181	Hs.49169	KIAA1634 protein	2.4
	427878	C05766	Hs.181022	CGI-07 protein	2.4
	419752	AA249573	Hs.152618	ESTs	2.4
40	430073	U86136	Hs.232070	telomerase-associated protein 1	2.4
	452401	NM_007115	Hs.29352	tumor necrosis factor, alpha-induced pro	2.4
	430345	AK000282	Hs.239681	hypothetical protein FLJ20275	2.3
	407905	AW103655	Hs.252905	ESTs	2.3
	427660	AI741320	Hs.114121	Homo sapiens cDNA: FLJ23228 fis, clone C	2.3
45	422355	AW403724	Hs.140	Immunoglobulin heavy constant gamma 3 (G	2.3
	453049	BE537217	Hs.30343	ESTs	2.3
	438568	R98865	Hs.11135	major histocompatibility complex, class	2.3
	453445	AL036532	Hs.91453	ESTs	2.3
	424711	NM_005795	Hs.152175	calcitonin receptor-like	2.3
50	446346	AI290205		gb:ql79g06.x1 Soares_NhhMpu_S1 Homo sapi	2.3
	441974	AI689782	Hs.128245	ESTs	2.3
	444805	AB007899	Hs.12017	KIAA0439 protein; homolog of yeast ubiqu	2.3
	424027	AW337575	Hs.201591	ESTs	2.3
	418506	AW294795	Hs.198529	ESTs, Weakly similar to similar to acyl-	2.3
55	428613	AB037749	Hs.186928	KIAA1328 protein	2.3
	434340	AI193043	Hs.128685	ESTs	2.3
	450297	AW901347	Hs.38592	Homo sapiens cDNA: FLJ23342 fis, clone H	2.3
	432779	AW979241		gb:EST391351 MAGE resequences, MAGP Homo	2.3
	433650	AA603472	Hs.28456	ESTs	2.3
60	419086	NM_000216	Hs.89591	Kallmann syndrome 1 sequence	2.3
	428758	AA433988	Hs.98502	Homo sapiens cDNA FLJ14303 fis, clone PL	2.3
	430153	AW988128		gb:EST380338 MAGE resequences, MAGJ Homo	2.3
	418883	BE387036	Hs.1211	acid phosphatase 5, tartrate resistant	2.3
	427669	AW451832	Hs.255938	ESTs, Moderately similar to KIAA1200 pro	2.3
65	400610				2.3
	402222				2.3
	407162	NG3855	Hs.142834	zinc finger protein	2.3
	415250	F02614	Hs.27319	ESTs	2.3
	421751	AW813731	Hs.159153	ESTs	2.3
70	428552	AW274560	Hs.129520	ESTs	2.3
	432658	AW973769	Hs.162319	ESTs	2.3
	434742	AA648302	Hs.291695	ESTs	2.3
	436586	AI308862	Hs.167028	ESTs	2.3
	441675	AI914329	Hs.5461	ESTs	2.3
75	442039	AW276240	Hs.128352	ESTs, Weakly similar to p80 [Rnorvegicu	2.3
	443160	AI467915	Hs.36053	ESTs	2.3
	448764	AI586607	Hs.182112	ESTs	2.3
	449579	AW207260	Hs.134014	prostate cancer associated protein 6	2.3
	439810	AL109710	Hs.85568	EST	2.3
80	413714	AI560944	Hs.71428	ESTs	2.3
	400289	X07820	Hs.2258	matrix metalloproteinase 10 (stromelysin	2.3
	413384	NM_000401	Hs.75334	exostoses (multiple) 2	2.3
	438670	AJ275803	Hs.123428	ESTs	2.3
	419691	AJ000098	Hs.94210	eyes absent (Drosophila) homolog 1	2.3

	459702				2.3
	414888	AL039185	Hs.77558	thyroid hormone receptor interactor 7	2.3
	438474	AW865818	Hs.6232	KIAA0764 gene product	2.3
5	453037	AA045175	Hs.177552	ESTs	2.3
	428467	AK002121	Hs.164465	hypothetical protein FLJ11259	2.3
	413930	M86153	Hs.75616	RAB11A, member RAS oncogene family	2.3
	422429	AA310527		gb:EST181333 Jurkat T-cells V Homo sapie	2.3
	415083	AK32683	Hs.27179	Homo sapiens cDNA FLJ12933 fis, clone NT	2.3
10	417015	M83772	Hs.80876	flavin containing monooxygenase 3	2.3
	405506				2.3
	448330	AL036449	Hs.207163	ESTs	2.3
	409719	AT769160	Hs.108681	ESTs	2.3
	423354	AB011130	Hs.127436	calcium channel, voltage-dependent, alph	2.3
15	425188	AK002052	Hs.155071	hypothetical protein FLJ11190	2.3
	427951	AW293185	Hs.143134	ESTs	2.3
	447357	AJ375922	Hs.159367	ESTs	2.3
	412642	BE244598	Hs.809	hepatocyte growth factor (hepatocitin A;	2.3
	453716	AA037675	Hs.152675	ESTs	2.3
20	437370	AL359567	Hs.161962	Homo sapiens mRNA; cDNA DKFp547D023 (fr	2.3
	407949	W21874	Hs.247057	ESTs	2.2
	427972	AA864870	Hs.181304	putative gene product	2.2
	453313	BE005771	Hs.153746	Homo sapiens cDNA: FLJ22490 fis, clone H	2.2
	426476	NM_003296	Hs.2042	testis specific protein 1 (probe H4-1 p3	2.2
25	424238	AA337401	Hs.137635	ESTs	2.2
	452938	AW195285	Hs.194097	ESTs	2.2
	424527	AW138558	Hs.267158	ESTs	2.2
	453095	AW295680	Hs.252756	ESTs	2.2
	449161	N53431	Hs.47647	ESTs, Weakly similar to KIAA0423 [H.sapi	2.2
30	429586	T73510	Hs.209153	angiotensin-like 3	2.2
	423782	AJ472209	Hs.288369	ESTs	2.2
	458124	AW005548	Hs.124580	ESTs	2.2
	450109	AJ539295	Hs.17957	ESTs	2.2
	421461	AW291023	Hs.97255	ESTs	2.2
35	412222	AA528283	Hs.292737	ESTs	2.2
	418882	NM_004996	Hs.89433	ATP-binding cassette, sub-family C (CFTR	2.2
	441736	AW292779	Hs.168789	ESTs	2.2
	401049				2.2
	440727	AI073991	Hs.134268	ESTs	2.2
40	419751	AW195581	Hs.93121	KIAA0761 protein	2.2
	445640	AW969626	Hs.31704	ESTs, Weakly similar to KIAA0227 [H.sapi	2.2
	421379	Y15221	Hs.103982	small inducible cytokine subfamily B (Cy	2.2
	422109	S73265	Hs.1473	gastrin-releasing peptide	2.2
	410282	AA843087	Hs.124184	ESTs	2.2
45	434265	AA846811	Hs.130554	Homo sapiens cDNA: FLJ23088 fis, clone L	2.2
	449695	AA164569	Hs.34550	ESTs	2.2
	428399	AA452244	Hs.16727	ESTs	2.2
	444042	NM_004915	Hs.10237	ATP-binding cassette, sub-family G (WHIT	2.2
	432343	NM_002960	Hs.2961	S100 calcium-binding protein A3	2.2
50	436772	AW975688	Hs.250867	zona pellucida glycoprotein 3A (sperm re	2.2
	426784	Y12851	Hs.193470	purinergic receptor P2X, ligand-gated to	2.2
	445268	AJ218358	Hs.175048	ESTs	2.2
	402481				2.2
	412608	AA247995	Hs.44898	Homo sapiens clone TCCCTA00151 mRNA sequ	2.2
55	416521	H60929	Hs.44197	hypothetical protein DKFp564D0462	2.2
	416624	H69044		gb:Y77H05.s1 Soares fetal liver spleen	2.2
	419780	AA713522	Hs.87752	ESTs	2.2
	421211	AA284966	Hs.266308	ESTs, Weakly similar to AF216312 1 type	2.2
	427541	AJ798983	Hs.97961	ESTs	2.2
60	432013	AJ798879	Hs.162102	ESTs	2.2
	436461	AW511956	Hs.293261	ESTs	2.2
	438002	AI660246	Hs.201648	ESTs, Weakly similar to ZN42_HUMAN ZINC	2.2
	440312	AW614597	Hs.72475	ESTs	2.2
	440479	AA866461	Hs.208161	ESTs	2.2
65	441178	W90789	Hs.153876	ESTs	2.2
	441235	AI884586	Hs.135570	Homo sapiens cDNA: FLJ21268 fis, clone C	2.2
	443314	AW771701	Hs.54646	ESTs	2.2
	422165	AL041199	Hs.1481	histidine decarboxylase	2.2
70	450696	AI654223	Hs.16026	Homo sapiens cDNA: FLJ23191 fis, clone L	2.2
	432974	BE348793		gb:M70g02.x1 NCL CGAP_Lu24 Homo sapiens	2.2
	404200				2.2
	435990	AI015862	Hs.131793	ESTs	2.2
	421309	AI222086	Hs.270449	ESTs, Moderately similar to ALU1_HUMAN A	2.2
75	451558	NM_001089	Hs.26630	ATP-binding cassette, sub-family A (ABC1	2.2
	416642	T96118	Hs.226313	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.2
	406672	M26041	Hs.198253	major histocompatibility complex, class	2.2
	417819	AI253112	Hs.133540	ESTs	2.2
	417355	D13168	Hs.82002	endothelin receptor type B	2.2
	459574	A741122	Hs.101810	Homo sapiens cDNA FLJ14232 fis, clone NT	2.2
80	404274				2.2
	415086	AI597963	Hs.118726	ESTs	2.2
	418210	R54575	Hs.13337	ESTs, Weakly similar to unnamed protein	2.2
	419220	AA811938	Hs.291759	ESTs	2.2
	444314	AI140497		gb:aw76b09.s1 Soares_fetal_liver_spleen_	2.2



	451050	AW937420	Hs.69662	ESTs	2.2
	417412	X16896	Hs.82112	Interleukin 1 receptor, type 1	2.2
	428414	ALD49980	Hs.184216	DKFZP564C152 protein	2.2
5	412925	AJ089319	Hs.179243	ESTs	2.2
	438192	AI859065	Hs.16808	ESTs, Weakly similar to paraplegin-like	2.2
	410976	R36207	Hs.25092	ESTs	2.2
	405673	M34596	Hs.198253	major histocompatibility complex, class	2.2
	449677	AA002071		gb:zh85d01.s1 Soares_fetal_liver_spleen_	2.2
10	449321	AA001150	Hs.132937	ESTs	2.2
	418557	BE140602	Hs.246645	ESTs	2.2
	416320	H47867	Hs.34024	ESTs	2.2
	426384	AI472078		gb:ll85h03.x1 Soares_NSf_FB_Sw_OT_PA_P_S	2.2
	414140	AA281279	Hs.23317	ESTs	2.2
15	419520	AB009303	Hs.297790	Human clone 23734 mRNA sequence	2.2
	445999	AA151520	Hs.279525	hypothetical protein PRO2605	2.2
	457447	X78261	Hs.272177	H.sapiens mRNA for TRE17 5' extremity an	2.2
	451099	R52795	Hs.25954	interleukin 13 receptor, alpha 2	2.1
	407366	AF026942		gb:Homo sapiens cig33 mRNA, partial sequ	2.1
20	410048	W76467	Hs.274550	proline oxidase homolog	2.1
	400880				2.1
	418092	R45154	Hs.106604	ESTs	2.1
	428780	AI478578	Hs.50636	ESTs	2.1
	431067	AW574823	Hs.200413	ESTs	2.1
25	432803	AA565398		gb:nk41801.s1 NCI_CGAP_GC2 Homo sapiens	2.1
	412104	AW205197	Hs.240951	ESTs	2.1
	422819	AL122084	Hs.121073	hypothetical protein FLJ10468	2.1
	454359	N71277		gb:za36e03.s1 Soares fetal liver spleen	2.1
	424806	AA382523	Hs.105889	ESTs	2.1
30	434445	AI349306	Hs.11782	ESTs	2.1
	442994	AI026718	Hs.16954	ESTs	2.1
	410371	AA084482	Hs.115850	ESTs	2.1
	450232	BE300815	Hs.201326	ESTs	2.1
	417924	AU077231	Hs.82932	cyclin D1 (PRAD1: parathyroid adenomas	2.1
35	430999	BE018217	Hs.183528	ESTs, Weakly similar to Bem46-like prote	2.1
	431814	BE256242	Hs.270847	delta-tubulin	2.1
	417543	AA203620	Hs.110153	ESTs, Weakly similar to BCGF_HUMAN B-CEL	2.1
	444542	AI161293	Hs.146862	ESTs, Weakly similar to KIAA0525 protein	2.1
	404593				2.1
40	434803	AW974640		gb:EST386744 MAGE resequences, MAGM Homo	2.1
	451623	H77818	Hs.268991	ESTs	2.1
	452466	N84635	Hs.29654	Human DNA sequence from clone 682J15 on	2.1
	402048				2.1
	434927	H46612	Hs.293815	Homo sapiens HSPC285 mRNA, partial cds	2.1
45	436192	W93847	Hs.24139	Homo sapiens cDNA: FLJ23137 fis, clone L	2.1
	401987				2.1
	423119	AA322201	Hs.131876	EST	2.1
	427112	Z32887	Hs.290951	ESTs	2.1
	414464	AI870175	Hs.13957	ESTs	2.1
50	447829	AI433029	Hs.164104	ESTs	2.1
	449579	AI823951	Hs.296668	Homo sapiens cDNA FLJ11846 fis, clone HE	2.1
	405472				2.1
	413821	AI808648	Hs.184156	ESTs	2.1
	432212	AW137742	Hs.293451	ESTs	2.1
55	404289				2.1
	415362	F06735		gb:HSC1JB091 normalized Infant brain cDN	2.1
	427739	AW196765	Hs.98105	ESTs	2.1
	427772	AA412289	Hs.98123	ESTs	2.1
60	430844	T94960		gb:ye38d07.r1 Stratagene lung (937210) H	2.1
	434335	AA630107	Hs.213220	ESTs	2.1
	436052	AI021983	Hs.271432	ESTs	2.1
	442773	AB037722	Hs.8707	Homo sapiens mRNA; cDNA DKFzP434N1131 (f	2.1
	446799	AW978373	Hs.49221	ESTs, Weakly similar to zinc finger prot	2.1
	450221	AA328102	Hs.24641	cytoskeleton associated protein 2	2.1
65	456673	BE065939		gb:RC3-BT0319-1C0100-012-c11 BT0319 Homo	2.1
	458624	AI382790	Hs.181801	ESTs	2.1
	405095				2.1
	447207	AA442233	Hs.17731	hypothetical protein FLJ12892	2.1
	433589	AA886530	Hs.188912	ESTs	2.1
70	438398	AA808526	Hs.130277	ESTs	2.1
	447233	AW246333	Hs.17901	Homo sapiens cDNA: FLJ21974 fis, clone H	2.1
	447197	R36075		gb:zh88b01.s1 Soares placenta Nb2HP Homo	2.1
	431087	H12723	Hs.290791	ESTs	2.1
	409054	AA062954	Hs.141883	ESTs	2.1
75	427558	D49493	Hs.2171	growth differentiation factor 10	2.1
	426457	AW894867	Hs.169965	chimerin (chimaerin) 1	2.1
	438118	AW753311	Hs.259415	ESTs	2.1
	427821	BE621182	Hs.179882	Homo sapiens cDNA FLJ12437 fis, clone NT	2.1
	462114	N22687	Hs.8236	ESTs	2.1
80	448782	AL050295	Hs.301550	KIAA0758 protein	2.1
	403937				2.1
	416402	NM_000715	Hs.1012	complement component 4-binding protein,	2.1
	452416	AA026115	Hs.114777	ESTs	2.1
	451609	AL046019	Hs.209276	ESTs	2.1

	435934	R19382	Hs.117869	ESTs	2.1
	445158	A1992108	Hs.127206	ESTs	2.1
	407930	AA045847	Hs.188361	Homo sapiens cDNA FLJ12807 fis, clone NT	2.1
	435335	AA742697	Hs.62492	ESTs, Weakly similar to S59856 collagen	2.1
5	443949	AW827419	Hs.235070	ESTs	2.1
	429716	R25685	Hs.211933	collagen, type XIII, alpha 1	2.1
	415817	U88967	Hs.78867	protein tyrosine phosphatase, receptor-t	2.1
	438676	AA813745	Hs.123446	ESTs	2.1
	405848				2.1
10	416940	N75620	Hs.43157	ESTs	2.1
	442381	A185136	Hs.48660	ESTs	2.1
	420036	R60336	Hs.52792	Homo sapiens mRNA; cDNA DKFZp586f1823 (f	2.1
	436252	A1539519	Hs.120969	Homo sapiens cDNA FLJ11562 fis, clone HE	2.1
	413450	Z99716	Hs.75372	N-acetylgalactosaminidase, alpha-	2.1
15	428572	AB037783	Hs.170623	hypothetical protein FLJ11183	2.1
	438425	AF086244	Hs.114659	ESTs	2.1
	421168	AF182277	Hs.1360	cytochrome P450, subfamily IIB (phenobar	2.1
	449611	A1970394	Hs.197075	ESTs	2.1
	404548				2.1
20	416734	H81213	Hs.14825	ESTs	2.1
	435865	AA883552	Hs.16810	ESTs	2.1
	439072	AF085930	Hs.269123	ESTs	2.1
	447482	AB033059	Hs.18705	KIAA1233 protein	2.1
	457292	A1921270	Hs.214178	Homo sapiens cDNA FLJ14251 fis, clone OV	2.1
25	444974	A1203500	Hs.151612	ESTs	2.1
	456034	AW460979		gb:U1-H-B13-ata-a-12-0-U1.s1 NCI_CGAP_Su	2.1
	430634	A1860651	Hs.26885	ESTs	2.1
	426782	R14814	Hs.191254	ESTs	2.0
30	452943	BE247449	Hs.31082	hypothetical protein FLJ10525	2.0
	445326	A1220072	Hs.165893	ESTs	2.0
	421247	BE391727	Hs.102910	general transcription factor IIF, polype	2.0
	409094	D86864	Hs.57735	acetyl LDL receptor; SREC	2.0
	443268	A1800271	Hs.129445	hypothetical protein FLJ12496	2.0
	455226	AW902103		gb:QV0-NN1022-120500-220-c07 NN1022 Homo	2.0
35	417321	N68722	Hs.191368	ESTs	2.0
	423778	Y09287	Hs.132821	flavin containing monooxygenase 2	2.0
	404323				2.0
	448133	AA723157	Hs.73769	folate receptor 1 (adult)	2.0
40	421047	AW514772	Hs.104473	ESTs	2.0
	425497	AA524596	Hs.188844	ESTs	2.0
	444623	A1183829	Hs.202111	ESTs	2.0
	412303	AW936336		gb:QV4-DT0021-281299-070-g11 DT0021 Homo	2.0
	433563	A1732637	Hs.277901	ESTs	2.0
	408485				2.0
45	428330	L22524	Hs.2256	matrix metalloproteinase 7 (matrilysin,	2.0
	455807	BE141140		gb:MR0-HT0075-021299-006-c07 HT0075 Homo	2.0
	425465	L18964	Hs.1904	protein kinase C, iota	2.0
	449424	AW448937	Hs.197030	ESTs	2.0
	427940	AA417812	Hs.38776	ESTs	2.0
50	411502	AW946605	Hs.250154	Homo sapiens cDNA FLJ12973 fis, clone NT	2.0
	411365	M76477	Hs.278242	tubulin, alpha, ubiquitous	2.0
	412369	H80456	Hs.285243	Homo sapiens cDNA: FLJ22029 fis, clone H	2.0
	452959	A1933418	Hs.189674	ESTs	2.0
	416680	T61572	Hs.79385	Human clone 23574 mRNA sequence	2.0
55	428775	AA434579	Hs.143691	ESTs	2.0
	420000	AB036063	Hs.180726	Homo sapiens cDNA FLJ13543 fis, clone PL	2.0
	408321	AW405882	Hs.44205	cortistatin	2.0
	410011	AB020841	Hs.67856	PFTAIR protein kinase 1	2.0
60	411050	AW814902		gb:MR1-ST0205-120400-022-f08 ST0206 Homo	2.0
	452453	A1902519		gb:QV-BT009-101198-051 BT009 Homo sapien	2.0
	428978	AA442784	Hs.125445	ESTs	2.0
	458602	N34128	Hs.145268	ESTs	2.0
	425527	AL162032	Hs.158258	Homo sapiens mRNA; cDNA DKFZp434B1272 (f	2.0
	403780				2.0
65	424368	AB037766	Hs.146085	KIAA1345 protein	2.0
	421229	A1056590	Hs.7086	Homo sapiens cDNA: FLJ23000 fis, clone L	2.0
	436304	AA339622	Hs.108887	ESTs	2.0
	453498	BE181412	Hs.23245	Homo sapiens cDNA FLJ11767 fis, clone HE	2.0
70	439018	AW300887	Hs.26638	ESTs, Weakly similar to unnamed protein	2.0
	453280	AL167476	Hs.32913	Homo sapiens mRNA; cDNA DKFZp781C082 (fr	2.0
	420193	A1460980	Hs.202869	ESTs	2.0
	444610	A1174783		gb:HA2501 Human fetal liver cDNA library	2.0
	401575				2.0
75	419092	J05681	Hs.89603	mucln 1, transmembrane	2.0
	430129	BE301708	Hs.233955	hypothetical protein FLJ20401	2.0
	410763	AF279145	Hs.8966	tumor endothelial marker 8	2.0
	414783	AW069669	Hs.75839	zinc finger protein 6 (CMPX1)	2.0
	411492	T46848	Hs.70337	immunoglobulin superfamily, member 4	2.0
	408963				2.0
80	418378	AW962081		gb:EST374154 MAGE resequences, MAGG Homo	2.0
	420831	AA280824	Hs.190035	ESTs	2.0
	424152	AL133591	Hs.301405	Homo sapiens mRNA; cDNA DKFZp434N079 (fr	2.0
	424641	AB001106	Hs.151413	gla maturation factor, beta	2.0

5	427616	AI698684	Hs.98028	ESTs	2.0
	435115	AI821726	Hs.116603	ESTs	2.0
	437636	AA764781	Hs.291844	ESTs	2.0
	438295	AI394151	Hs.37932	ESTs	2.0
	439430	AF124250	Hs.6564	breast cancer anti-estrogen resistance 3	2.0
	445388	AI925280	Hs.236842	EST	2.0
	447101	N72185	Hs.44189	ESTs	2.0
	448796	AA147829	Hs.33193	ESTs, Highly similar to AC007228 3 BC372	2.0
10	449623	C00719	Hs.120440	ESTs	2.0
	450159	AI702416	Hs.200771	ESTs, Weakly similar to CAN2_HUMAN CALPA	2.0
	456613	R19892	Hs.105620	Homo sapiens clone 23950 mRNA sequence	2.0
	457233	AI355009	Hs.221698	ESTs	2.0
	457384	AA501780	Hs.18075	chromosome 9 open reading frame 3	2.0
15	457471	AW971364		gb:EST383453 MAGE resequences, MAGL Homo	2.0

TABLE 27B

20	Pkey: Unique Eos probe/seq identifier number				
	CAT number: Gene cluster number				
	Accession: Genbank accession numbers				
25	Pkey	CAT number	Accession		
	409457	1132521_1	AW818081 AW392887 AW514700 AW392881		
	409519	113722_1	AA075368 AA075369		
	410008	116812_1	AA079552 BE142525 BE142527		
	410785	1221055_1	AW803341 AW803265 AW803403 AW803466 AW803402 AW803413 AW803268 AW803396 AW803334 AW803355		
30	411050	1230330_1	AW814902 BE156656 BE156657 BE156659 BE156441 BE156447		
	411880	1263110_1	AW872477 BE088101 T05990		
	411905	1265181_1	BE265067 BE264978 AW875420		
	412303	1288130_1	AW936336 AW936339		
	413136	1350379_1	BE066941 BE066911 BE066979 BE066929 BE066925		
35	413499	1373910_1	BE144884 H97942		
	413875	1396786_1	BE176776 H85072		
	415094	1522103_1	D59513 D59515 D80174 D59514		
	415362	1534980_1	F06735 R55896 R12110 H08697		
	416624	1604694_1	H69044 T47567 H75691 T50292		
40	418378	174658_1	AW962081 AA218925 AA354237		
	419546	185766_1	AA244199 AA244272 H57440		
	419807	188252_1	R77402 AA262462 AA250988 R06794		
	420637	195241_1	AW976153 AA278945 AA747691		
	422429	216469_1	AA310527 AW962295 Z44865 H08641		
45	423377	22769_1	AL049377 AL079930 AL047223 AW885968 AA385235		
	426384	266211_1	AI472078 AA377209 AA865807		
	428637	293660_1	AW979268 AA878419 AA431342 AA431828		
	430153	313709_1	AW968128 AA468102 AA468165		
	430844	324570_1	T94960 AA487679 T95013		
50	431120	328264_1	AA492588 AA492490 AA492571		
	431169	328799_1	AW971240 AA493843 AA493723		
	431322	331543_1	AW970622 AA503009 AA502996 AA502989 AA502905 T92188		
	432009	34025_1	AL137424 BE007148 T52277		
	432222	343347_1	AL204995 AW827539 AW969908 AW440776 AA528756		
55	432507	348711_1	BE391083 AA551334 BE389643		
	432779	354024_1	AW979241 AA555006 AA847102		
	432803	354267_1	AA585388 AW894072 H97930		
	432869	355475_1	AW974094 AA569074 AA602574		
	432974	366860_1	BE348793 AA573118 N79368		
60	433492	367934_1	AW605849 AW262858 N41060 AA594852		
	433584	370400_1	AW295399 AW207772 AW300641 AW070290 BE348854 AW170383 AA600968 AA776832		
	433687	373061_1	AA743991 AA604852 AW272737		
	434803	393471_1	AW974640 AA648616 N75826		
	436148	41500_1	BE005252 AK000786		
65	437327	43610_1	AL353942 AW904305		
	438809	46684_1	AF085839 R69137 AW188788 R69254		
	440320	491930_1	AA879294 N67538 AM74541		
	444314	600687_1	AI140497 AW749825 AW749826 AW749844		
	444610	612257_1	AI174783 R83569 R12271		
70	448346	673545_1	AI290205 AW235762 AI651268		
	447197	711623_1	R36075 AI366546 R36167		
	448404	761515_1	BE089973 AI498612 AW805032		
	449299	80436_1	AA289918 AW957012 AA001107 T83631 BE156389		
	449540	80945_2	AA001713 H63836		
75	449677	81270_1	AA002071 AA022232 T99209		
	450522	837264_1	AI698639 AI909260 AI909269		
	451024	85565_1	AA442176 AA259181		
	451381	867770_1	BE241831 AW249135 BE548847 AW250245		
	452183	902067_1	AI863140 W80703 R43474		
80	452293	909195_1	AI871833		
	452453	918300_1	AI902519 AI902518 AI902516		
	452542	921410_1	AW812266 AW812267 AI906423 AI906422		
	452771	930983_1	T05477 T07855 AI917711		
	454359	1130674_1	N71277 AW390764		

454693 1229132\_1 AW813428 AW813444 AW813367 AW813368 AW813429 AW813424  
 455024 1249196\_1 AW851309 AW850888 AW851419 AW851412 AW851299  
 455226 1262534\_1 AW902103 AW869012 AW869139  
 455235 1265634\_1 AW875951 AW875950 AW875936 AW875948 AW875939 AW875957  
 455673 1349656\_1 BE065939 BE066079 BE065956  
 455807 1370914\_1 BE141140 BE141139 BE141105 BE141143 BE141127 BE141202 BE141108  
 456034 142696\_1 AW450979 AA136653 AA136656 AW419381 AA984358 AA492073 BE168945 AA809054 AW238038 BE011212 BE011359 BE011367  
 BE011369 BE011362 BE011215 BE011365 BE011363  
 457471 340916\_1 AW971364 AA525021 AA570759  
 457620 371514\_1 AA602711 BE078290  
 458154 491768\_1 AW816379 AA888282 AA879046 AA879195  
 459267 966605\_1 AJ003631 AJ003650 AJ003851

TABLE 27C

Pkey: Unique number corresponding to an Eos probeset  
 Ref: Sequence source: 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled "The DNA sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.  
 Strand: Indicates DNA strand from which exons were predicted.  
 Nt\_position: Indicates nucleotide positions of predicted exons.

Pkey	Ref	Strand	Nt_position
400610	9887671	Minus	117605-117928,124040-124147
400880	9931121	Plus	29235-29336,36353-36580
401049	7232177	Plus	149157-150692
401335	9884881	Plus	15736-16352
401575	7229804	Minus	76253-76364
401793	7263888	Minus	102945-103083
401987	4406829	Minus	72893-73021,76938-77049
402046	8072415	Plus	166394-166558,168167-168395
402222	9958106	Plus	3261-3834,3939-4269
402481	9797406	Plus	87891-88991
402629	9931218	Plus	33641-33775,34182-34372,36003-36084,40343-40612
403760	7712202	Minus	45910-46260,47563-47824
403903	7710671	Minus	101185-102597
403937	7711761	Minus	12809-12773
404043	9558573	Plus	29042-29135,46597-46699
404200	6010176	Minus	7066-7210
404274	9885189	Plus	104127-104318
404288	2769844	Plus	3512-3691
404289	2769544	Plus	15049-15286,30267-30457
404323	9719753	Minus	31913-32219
404486	8113286	Minus	64835-64994
404548	8570305	Minus	83896-84162
404593	9944086	Minus	74922-75788
404599	8705107	Plus	110443-110733
404916	7341826	Plus	91057-91188
405041	7547195	Plus	121230-121714
405095	8072599	Plus	138877-139066
405472	8439781	Plus	106297-106447,108462-108596
405494	8050952	Minus	70284-70518
405848	7851809	Minus	28135-28244
405983	8247786	Plus	4056-4699
406182	5923650	Minus	28258-28935
406485	7711305	Plus	125036-125422
406606	7711374	Minus	6843-8077
406554	7711568	Plus	108956-107121
406594	8248611	Minus	35543-35845

TABLE 28A: ABOUT 796 GENES DOWN-REGULATED IN LUNG FIBROSIS COMPARED TO NORMAL BODY

Table 28A lists of about 796 genes that are downregulated in lung fibrosis (collection of IPF, HP, and NSIP) samples as compared with normal "body map" samples. These were selected from about 59680 probesets on an Affymetrix/Eos Hu03 GeneChip array such that the ratio of "average" fibrosis sample expression level to "average" normal adult tissues sample expression was less than or equal to 0.1. This "average" normal lung tissue level was set to the 75th percentile amongst normal lung tissues. The "average" fibrosis expression level was set to the 95th percentile amongst fibrosis samples. In order to remove gene-specific background levels of non-specific hybridization, the 15th percentile value amongst non-malignant tissues was subtracted from both the numerator and the denominator before the ratio was evaluated.

Pkey: Unique Eos probeset identifier number  
 ExAccn: Exemplar Accession number, Genbank accession number  
 UnigeneID: Unigene number  
 Unigene Title: Unigene gene title  
 R1: Ratio of normal lung to fibrosis

Pkey	ExAccn	Unigene ID	Unigene Title	R1
414002	NM_006732	Hs.76678	FBJ murine osteosarcoma viral oncogene h	18.18
421218	NM_000499	Hs.72912	cytochrome P450, subfamily I (aromatic c	9.39
404518	AJ815601	Hs.79197	CD83 antigen (activated B lymphocytes, I	8.30
404795				5.56

	403211				5.46
	417967	BE244373	Hs.1119	nuclear receptor subfamily 4, group A, m	5.43
	400489				5.19
5	425571	AJ007292	Hs.158306	ephrin-A2	5.19
	406357				5.08
	407979	AA046306	Hs.62927	ESTs	5.08
	452378	AA025855	Hs.19597	ESTs	4.78
	408053	AW139474	Hs.246862	ESTs	4.62
10	421770	AA374192	Hs.108124	ribosomal protein L41	4.52
	425126	N32759	Hs.172944	chorionic gonadotropin, beta polypeptide	4.49
	402386				4.39
	402448				4.37
	448245	AI923651	Hs.170843	ESTs	4.31
15	413778	AA090235	Hs.75535	myosin, light polypeptide 2, regulatory,	4.29
	419958	X04430	Hs.03913	interleukin 6 (interferon, beta 2)	4.24
	447768	X86400	Hs.19520	FXFD domain-containing ion transport reg	4.21
	405183				4.19
	437120	AI356125	Hs.157767	ESTs, Weakly similar to human HOXA2 [Hs]	4.19
20	409020	AA062549	Hs.21162	ESTs	4.09
	431073	BE254470	Hs.249188	cone-rod homeobox	4.07
	433495	AW373784	Hs.71	alpha-2-glycoprotein 1, zinc	4.06
	403716				3.99
	424969	AW950928	Hs.153998	creatase kinase, mitochondrial 1 (ubiqui	3.94
25	404348				3.90
	407070	Y10209		gb:11.sapiens mRNA for CD30L protein	3.82
	412919	AI366680	Hs.816	SRY (sex determining region Y)-box 2	3.81
	402409				3.80
	456150	Z42308		gb:HSC0FB121 normalized infant brain cDN	3.79
30	427030	AA397600	Hs.97531	ESTs	3.76
	426328	AW631296		gb:hh83e09.y1 NCL_CGAP_GU1 Homo sapiens	3.74
	429307	AU076592	Hs.198951	Jun B proto-oncogene	3.71
	400172				3.70
	431227	X63755	Hs.2743	keratin, cuticle, ultrahigh sulphur 1	3.68
35	433883	AI925688	Hs.222312	ESTs, Weakly similar to B24264 proline-r	3.68
	446850	R71245	Hs.174303	ESTs	3.67
	405147				3.64
	406821	AA977896	Hs.128873	ESTs, Highly similar to ALFA_HUMAN FRUCT	3.57
	402762				3.55
40	401498				3.50
	421201	AW241940	Hs.102500	hypothetical protein FLJ20481	3.50
	402911				3.49
	425330	D25216	Hs.155650	KIAA0014 gene product	3.49
	438004	AA774984	Hs.220649	ESTs, Weakly similar to FCE2 MOUSE LOW A	3.46
45	448185	AI633040	Hs.172730	ESTs	3.46
	433367	AA584830	Hs.269451	ESTs, Weakly similar to XAP-5-like prote	3.43
	416596	H67669	Hs.38564	ESTs	3.41
	400545				3.39
	418464	R87580		gb:ym89h07.r1 Soares adult brain N2b4HB5	3.37
50	426607	AA380285		gb:EST93491 Supt cells Homo sapiens cDNA	3.35
	403479				3.34
	406082	S47833	Hs.82927	adenosine monophosphate deaminase 2 (iso	3.34
	401919				3.33
	449031	AI667502	Hs.271462	ESTs	3.33
55	400116				3.31
	401590				3.29
	401007				3.28
	404610	H58589	Hs.35156	Homo sapiens cDNA FLJ11027 fis, clone PL	3.25
	408641	AW245207	Hs.5555	Homo sapiens cDNA FLJ13170 fis, clone NT	3.25
60	407106	D11747	Hs.177415	Finkel-Biskis-Rally murine sarcoma virus	3.23
	410258	X52838	Hs.739	6-phosphofructo-2-kinase/fructose-2,6-bi	3.23
	433232	AI658821	Hs.127769	ESTs	3.23
	457937	AW976930	Hs.128760	ESTs	3.23
	406101				3.18
65	407080	Z38133	Hs.113973	myosin, heavy polypeptide 8, skeletal mu	3.18
	419947	AW298744	Hs.118894	ESTs	3.18
	421905	AI660247	Hs.32699	ESTs, Weakly similar to LIV-1 protein [H	3.16
	454019	D31846	Hs.37025	aquaporin 2 (collecting duct)	3.16
	428674	AA431734	Hs.104915	ESTs	3.14
70	402055				3.06
	425182	AF041259	Hs.155040	zinc finger protein 217	3.06
	425393	NM_000218	Hs.156115	potassium voltage-gated channel, KQT-lik	3.06
	433657	AI244368	Hs.8124	PH domain containing protein in retina 1	3.05
	402158				3.03
75	404938				3.02
	403376				3.01
	418828	AF020774	Hs.88844	Homo sapiens hair and skin epidermal-ty	3.00
	402423				2.99
80	416253	BE250659	Hs.15463	ESTs	2.99
	435265	AA779958	Hs.185932	ESTs	2.99
	425655	BE014551	Hs.158675	ribosomal protein L14	2.98
	428704	AA432007	Hs.249484	ESTs	2.98
	425439	D38024	Hs.157425	double homeobox, 2	2.97
	445613	BE550989	Hs.158491	ESTs	2.97

	402714			2.96	
	403526			2.96	
	403605			2.95	
5	441852	AB028968	Hs.7989	KIAA1045 protein	2.95
	417629	T76945	Hs.64211	ESTs, Weakly similar to similar to acyl-	2.94
	447744	AA313230	Hs.19413	S100 calcium-binding protein A12 (calgr	2.91
	419821	AW967486	Hs.189119	ESTs	2.90
	446993	AI570964	Hs.164257	ESTs	2.89
10	414580	BE386918		gb:601275386F1 NIH_MGC_20 Homo sapiens c	2.88
	423379	AI985349	Hs.157492	Homo sapiens cDNA FLJ14079 fis, clone HE	2.88
	440206	AI762232	Hs.48794	ESTs	2.88
	402212	AW502761	Hs.30909	KIAA0430 gene product	2.87
	406059				2.86
15	423548	AF007194	Hs.129782	mucin 3A, intestinal	2.86
	402051				2.85
	415195	AK000150	Hs.78185	MAX-like bHLHZIP protein	2.85
	455446	AW947749		gb:RC0-MT0005-130300-031-b01 MT0005 Homo	2.85
	442428	BE464988	Hs.298302	ESTs	2.84
	403247				2.83
20	404825				2.83
	459184	L35001	Hs.95669	ESTs	2.83
	402968				2.82
	417575	R00382	Hs.191199	ESTs	2.82
	404668				2.81
25	420619	AF130255	Hs.99430	testis zinc finger protein	2.81
	447241	BE382838	Hs.19322	ESTs	2.80
	448793	AI864581	Hs.215477	ESTs	2.79
	453014	AI937242	Hs.176590	ESTs	2.79
30	446775	AI792836	Hs.232273	ESTs	2.78
	455075	AW854850		gb:QV2-CT0261-201099-011-h03 CT0261 Homo	2.78
	405704	M21865	Hs.929	myosin, heavy polypeptide 7, cardiac mus	2.75
	457546	AA568484	Hs.153632	ESTs	2.75
	410197	NM_005518	Hs.59889	3-hydroxy-3-methylglutaryl-Coenzyme A sy	2.74
35	433677	AI791912	Hs.190885	ESTs, Moderately similar to ALU1_HUMAN A	2.74
	405703				2.73
	408940	AW277132	Hs.254880	ESTs	2.73
	413958	BE277913	Hs.172364	Homo sapiens mRNA for FLJ00086 protein,	2.73
	454421	BE409759	Hs.59563	Homo sapiens mRNA for FLJ00007 protein,	2.73
40	405702	Z20656	Hs.278432	myosin, heavy polypeptide 6, cardiac mus	2.72
	408664	R56362		gb:yg93c07.r1 Soares infant brain 1N18 H	2.72
	402457				2.71
	403612				2.71
	407049	X72632		(NONE)	2.71
45	415423	AA164743	Hs.187617	Homo sapiens cDNA FLJ13941 fis, clone Y7	2.70
	402862				2.69
	403540				2.69
	431465	AW293178	Hs.180088	ESTs	2.69
	406563				2.68
50	417003	AL038170	Hs.80756	betaine-homocysteine methyltransferase	2.68
	426220	AJ383475	Hs.171697	ESTs, Weakly similar to immunoglobulin s	2.68
	448707	AI591214	Hs.156336	ESTs	2.68
	447557	AW028809	Hs.229570	ESTs	2.68
	413529	U11874	Hs.846	interleukin 8 receptor, beta	2.67
55	403997				2.66
	408704	AA056635	Hs.6366	Homo sapiens cDNA: FLJ21522 fis, clone C	2.66
	407005	U20230		gb:Human guanyl cyclase C gene, partial	2.65
	405075				2.64
	430728	AW968522		gb:EST380598 MAGE resequences, MAGJ Homo	2.64
60	405327				2.63
	409419	BE207219	Hs.20474	ESTs, Highly similar to S17112 Interfero	2.63
	434300	AA740944	Hs.116295	ESTs	2.63
	405895				2.62
	431929	AW294163	Hs.146127	ESTs	2.61
65	405217				2.60
	437669	AA760849	Hs.294052	ESTs	2.60
	419822	AW968864	Hs.255780	ESTs	2.59
	445918	AW014139	Hs.145656	ESTs	2.59
	446149	BE242960	Hs.203181	ESTs	2.59
70	457829	AI742291	Hs.210843	ESTs, Weakly similar to dJ1039K5.2 [Hsa	2.58
	404282				2.53
	409778	AW499705		gb:U1-HF-BR0p-ajk-b-05-0-UL1 NIH_MGC_5	2.53
	445353	BE551465	Hs.175211	ESTs	2.53
	458764	BE819386		gb:601473204F1 NIH_MGC_68 Homo sapiens c	2.53
75	402195				2.52
	404247				2.52
	427584	BE410293	Hs.179718	v-myb avian myeloblastosis viral oncogen	2.52
	402588				2.50
	432301	U34249	Hs.167075	ring finger protein 9	2.50
80	424958	AA984420	Hs.283559	ESTs	2.49
	442197	AW837912		gb:QV3-LT0048-260100-058-c02 LT0048 Homo	2.49
	415003	M11437	Hs.77741	kininogen	2.48
	420767	AF072711	Hs.99918	carboxyl ester lipase (bile salt-stimula	2.48
	422885	BE244088	Hs.121544	interleukin 12 receptor, beta 1	2.47

5	440424	AV991125	Hs.189109	Homo sapiens cDNA: FLJ21458 fis, clone C	2.47
	402153				2.46
	432152	AK000245	Hs.272790	Homo sapiens cDNA FLJ20238 fis, clone CO	2.46
	454414	R55574	Hs.164675	ESTs	2.45
	401603				2.44
10	408493	BE206854	Hs.46039	phosphoglycerate mutase 2 (muscle)	2.44
	408513	AW206468	Hs.103118	ESTs	2.43
	409826	AW501112	Hs.34487	hypothetical protein FLJ23412	2.42
	400672				2.41
	430713	AA351647	Hs.2642	eukaryotic translation elongation factor	2.41
15	449748	H23963	Hs.32043	ESTs	2.41
	453756	AW139415	Hs.61906	ESTs	2.41
	400624				2.40
	403125				2.40
	405118				2.39
20	402165				2.38
	416982	J05401	Hs.80691	creatine kinase, mitochondrial 2 (sarcom	2.38
	425515	W26509		gb:35112 Human retina cDNA randomly prim	2.38
	402951				2.37
	427886	AA417083	Hs.104789	ESTs	2.37
25	447173	AW449385	Hs.157294	ESTs	2.37
	448703	BE613942	Hs.170890	Homo sapiens cDNA: FLJ21129 fis, clone C	2.37
	426344	H41821	Hs.169393	transcriptional activator of the c-fos p	2.36
	401840				2.35
	403731				2.34
30	405378				2.34
	405555	Y09306	Hs.30148	homeodomain-interacting protein kinase 3	2.34
	416559	A1039195	Hs.128060	ESTs, Weakly similar to cDNA EST yk481g5	2.34
	438216	Z83952	Hs.252815	ESTs	2.34
	448427	BE395250		gb:601311130F1 NIH_MGC_44 Homo sapiens c	2.34
35	451588	AW072057		gb:ws58g05.x1 NCI_CGAP_Bm25 Homo sapien	2.34
	423011	NM_000683	Hs.299847	ESTs, Highly similar to A2AD_HUMAN ALPHA	2.33
	451172	AW205465	Hs.207423	ESTs	2.33
	401015				2.32
	414705	BE464157	Hs.281455	ESTs	2.32
40	439894	AA853077		gb:NHTBCa03a05f1 Normal Human Trabacula	2.31
	446305	AW270149	Hs.254515	ESTs, Moderately similar to AF248953 1 g	2.31
	453512	AL040160	Hs.209542	ESTs, Weakly similar to B cell linker pr	2.29
	418556	T02850		gb:FB12A9 Fetal brain, Strakagene Homo s	2.28
	457197	AB016092	Hs.197114	RNA binding protein; AT-rich element bin	2.28
45	457275	AA463422	Hs.209431	ESTs	2.28
	458766	AW183618	Hs.168477	ESTs, Weakly similar to ZnT-3 [H.sapiens	2.28
	414075	U11862	Hs.75741	amiloride binding protein 1 (amine oxida	2.27
	430210	AL157426	Hs.235390	Homo sapiens mRNA; cDNA DKFZp761B101 (fr	2.27
	442614	AL269030		gb:aj73c12.x1 NCI_CGAP_Kid3 Homo sapiens	2.27
50	402538				2.26
	439991	AL389940	Hs.109968	ESTs	2.26
	440056	BE294828	Hs.13323	hypothetical protein FLJ22059	2.26
	406150				2.25
	426880	AA453482		gb:zx47a11.r1 Soares_testis_NHT Homo sap	2.25
55	447129	AW014123	Hs.161402	ESTs	2.25
	458893	BE161733	Hs.97283	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.25
	458778	AL458309	Hs.117408	ESTs	2.24
	401728				2.23
	404139				2.23
60	414095	BE293545		gb:601186671F1 NIH_MGC_15 Homo sapiens c	2.23
	432037	AW450692	Hs.300459	ESTs	2.23
	451955	AA021163	Hs.22287	ESTs	2.23
	416768	AA363733	Hs.1032	regenerating islet-derived 1 alpha (panc	2.22
	427586	AA609861	Hs.190592	ESTs	2.22
65	454108	AA161071	Hs.71465	squalene epoxidase	2.22
	429749	AL685174	Hs.22293	ESTs	2.21
	434507	AW511138	Hs.256581	ESTs	2.21
	436652	AA724543	Hs.168824	ESTs	2.21
	437433	R74016	Hs.121581	ESTs	2.21
70	401688				2.20
	441748	R14439	Hs.209194	ESTs	2.19
	453072	BE251845	Hs.221516	ESTs, Weakly similar to telraspan TM4SF	2.19
	400635				2.18
	417176	AW974475	Hs.143467	ESTs	2.18
75	427858	NM_001971	Hs.21	elastase 1, pancreatic	2.18
	454866	AW837053		gb:QV1-LTC037-150200-069-g08 LT0037 Homo	2.18
	458232	BE217672	Hs.279537	ESTs	2.18
	408922	R87388		gb:ym88g04.r1 Soares adult brain N2b4HB5	2.17
	423688	Y10148	Hs.131138	neurotensin receptor 2	2.17
80	440338	R62431	Hs.12758	ESTs	2.17
	403115				2.16
	409125	R17268	Hs.301560	ESTs	2.16
	426887	AL971975	Hs.212892	ESTs	2.16
	413811	BE168828		gb:QV1-HT0517-020400-145-04 HT0517 Homo	2.15
	442962	AL025315	Hs.131615	ESTs	2.15
	403921				2.14
	413140	T06507	Hs.6846	hypothetical protein FLJ13055	2.14

5	421996	AW583807	Hs.1460	glucagon	2.14
	436130	AA341497	Hs.31408	ESTs	2.14
	407243	AA068357	Hs.74466	carcinoembryonic antigen-related cell ad	2.13
	407708	AF019968	Hs.37936	suppressor of variegation 3-9 (Drosophil	2.13
	442792	AI352340	Hs.131194	ESTs	2.12
10	454406	AA213605	Hs.267861	ESTs	2.12
	424648	AA344576		gb:EST50478 Gall bladder I Homo sapiens	2.11
	433863	AI218608	Hs.187778	ESTs	2.11
	400736				2.10
	406343				2.10
15	409702	AI752244	Hs.285749	Human DNA from chromosome 19-specific co	2.10
	432092	AF135026		gb:Homo sapiens kallikrein-like protein	2.10
	441915	AI566116	Hs.207066	ESTs, Weakly similar to FOG [Musculus]	2.10
	453147	AA733098	Hs.279908	CGI-05 protein	2.10
	415604	Z44177	Hs.170434	Homo sapiens cDNA FLJ14242 fis, clone OV	2.08
20	422927	AW247388	Hs.301423	calcium binding protein 1 (calbrain)	2.08
	401211	AJ004832	Hs.5038	neuropathy target esterase	2.07
	413808	J00287	Hs.182183	caldesmon 1	2.07
	414433	BE407755	Hs.169100	Homo sapiens cDNA FLJ12529 fis, clone NT	2.07
	421978	AJ243682	Hs.110195	NICE-1 protein	2.07
25	431204	F28841	Hs.250760	cytochrome c oxidase subunit VIa polypep	2.07
	433605	AI378012	Hs.147953	ESTs	2.06
	449383	AW444712	Hs.196573	ESTs	2.06
	455652	BE054675		gb:RC1-BT0313-301299-012-h11 BT0313 Homo	2.05
	402382				2.04
30	407282	AI345597	Hs.254727	ESTs	2.04
	457273	AI167145	Hs.166538	ESTs	2.04
	459073	AW968616	Hs.296234	ESTs, Highly similar to mitogen-activate	2.04
	402394				2.03
	428875	AW451624	Hs.178202	ESTs	2.03
35	456634	AA609911	Hs.109012	ESTs	2.03
	434352	AF129505	Hs.86492	small muscle protein, X-linked	2.02
	439281	AA100768	Hs.48485	ESTs	2.02
	444153	AK001610	Hs.10414	hypothetical protein FLJ10748	2.02
	401122				2.01
40	444340	AI143188	Hs.143561	ESTs	2.01
	455104	BE064863		gb:RC1-BT0313-110300-015-406 BT0313 Homo	2.01
	415011	AW963085		gb:EST375158 MAGE resequences, MAGH Homo	2.00
	440144	AW082297	Hs.88523	ESTs	2.00
	403183				1.99
45	409802	AW500732		gb:U1-HF-BN0-akm-h-07-0-U1.r1 NIH_MGC_50	1.98
	430144	AI732722	Hs.187694	ESTs	1.98
	444580	AI168365	Hs.268663	ESTs	1.98
	401704				1.97
	401810				1.97
50	424473	AK001405	Hs.148584	Homo sapiens cDNA FLJ10543 fis, clone NT	1.97
	438673	AW135084	Hs.299865	ESTs	1.97
	412921	BE009345	Hs.128942	ESTs	1.96
	422233	AB002058	Hs.113275	purinergic receptor P2X-like 1, orphan r	1.96
	425352	NM_003939	Hs.1897	proopiomelanocortin (adrenocorticotropin	1.96
55	410285	AA083609		gb:zm63d05.r1 Stratagene fibroblast (937	1.95
	414323	NM_014759	Hs.239500	KIAA0273 gene product	1.94
	428119	AW298211	Hs.255737	ESTs	1.94
	424510	AK001841	Hs.149797	hypothetical protein FLJ10979	1.92
	425280	U31519	Hs.1872	phosphoenolpyruvate carboxykinase 1 (sol	1.92
60	429785	H82114	Hs.301769	ESTs	1.92
	437344	R90921	Hs.6846	hypothetical protein FLJ13055	1.92
	451819	AI819096	Hs.249260	ESTs	1.92
	458060	H89244	Hs.79625	heterogeneous nuclear ribonucleoprotein	1.92
	422664	AA315933	Hs.120879	ESTs	1.91
65	432247	AA531287	Hs.105805	ESTs	1.91
	453820	R77494	Hs.75416	DAZ associated protein 2	1.91
	400675				1.90
	405556	Y09306	Hs.30148	homeodomain-interacting protein kinase 3	1.90
	407099	M94881	Hs.278423	pregnancy specific beta-1-glycoprotein 4	1.90
70	440297	BE580553	Hs.205450	Homo sapiens cDNA: FLJ22570 fis, clone H	1.90
	443104	AA088470	Hs.83135	p53-responsive gene 6	1.90
	444328	W79753	Hs.58330	ESTs	1.90
	402590				1.89
	432354	AIW137282	Hs.192713	ESTs	1.89
75	427611	M81057	Hs.180884	carboxypeptidase B1 (tissue)	1.88
	443322	AI825817	Hs.143272	ESTs	1.88
	458185	AI782757	Hs.128869	ESTs, Weakly similar to AF113685 1 PRO09	1.88
	459072	AI816978	Hs.160427	ESTs	1.88
	402534				1.87
80	409689	AA078492		gb:7P04D11 Chromosome 7 Placental cDNA L	1.87
	416931	D45371	Hs.80485	adipose most abundant gene transcript 1	1.87
	430176	AL161995	Hs.234775	neurturin	1.87
	430631	AJ003147	Hs.278464	olfactory receptor, family 1, subfamily	1.87
	433114	AA121579		gb:zn7702.r1 Stratagene NT2 neuronal pr	1.87
	439254	U57352	Hs.6517	amiloride-sensitive cation channel 1, no	1.87
	448461	AW166358	Hs.124979	ESTs	1.87
	450675	AA010662	Hs.188639	ESTs	1.87



	401767			1.85	
	449891	N64867	Hs.37848	ESTs	1.85
	400527				1.84
5	428581	AA430570	Hs.104881	ESTs	1.84
	443647	AV653846	Hs.126261	Homo sapiens Chromosome 16 BAC clone CIT	1.84
	444785	AV651441	Hs.282475	ESTs	1.84
	449566	AA001778	Hs.288156	Homo sapiens cDNA: FLJ21819 fis, clone H	1.84
	436752	AW298529	Hs.255774	ESTs	1.83
10	437405	AA338837	Hs.42547	Homo sapiens cDNA FLJ13975 fis, clone Y7	1.83
	449174	T66136	Hs.12880	ESTs	1.83
	449887	AW080843	Hs.200275	ESTs	1.83
	453261	AA034116	Hs.118494	ESTs	1.83
	454243	AW241901	Hs.250683	ESTs	1.83
15	458188	AA216362	Hs.30002	SH3-containing protein SH3GLB2	1.83
	424334	AA393460		gb:zt71e05r1 Soares_testis_NHT Homo sap	1.82
	432150	AK000224	Hs.272789	hypothetical protein FLJ20217	1.82
	408123	AW163377		gb:au94e02.y1 Schneider fetal brain 0000	1.81
	428722	U76456	Hs.190787	Issue inhibitor of metalloproteinase 4	1.80
20	442196	AI902646	Hs.31844	Homo sapiens cDNA FLJ12586 fis, clone NT	1.80
	421419	M99587	Hs.104134	homeo box (H6 family) 1	1.79
	405420				1.78
	405737				1.78
	414016	AA134594	Hs.71528	ESTs	1.78
25	415744	AW964850	Hs.279307	ESTs	1.78
	420375	AF182077	Hs.97244	glioma tumor suppressor candidate region	1.78
	426322	J05065	Hs.2012	transcobalamin I (vitamin B12 binding pr	1.78
	421592	AF009801	Hs.105941	bagpipe homeobox (Drosophila) homolog 1	1.77
	401743				1.75
	405187				1.75
30	442763	AI017037	Hs.131121	ESTs	1.75
	451621	AI879148	Hs.26770	fatty acid binding protein 7, brain	1.75
	413248	T84858	Hs.21433	ESTs	1.74
	423913	NM_016436	Hs.301055	hepatocellular carcinoma-associated anti	1.74
35	439999	AA115811	Hs.6838	ras homolog gene family, member E	1.74
	440185	AW104546	Hs.270829	ESTs	1.74
	450482	AI697844	Hs.221720	ESTs	1.74
	413972	BE279548	Hs.162717	ESTs, Weakly similar to HPPD_HUMAN 4-HYD	1.73
	420476	AW575863	Hs.136232	ESTs	1.73
40	428748	AW593206	Hs.98785	ESTs	1.73
	431148	AA502653	Hs.28821	ESTs	1.73
	447205	BE617015	Hs.11006	ESTs	1.73
	455994	BE179190		gb:RC0-HT0613-210300-032-07 HT0613 Homo	1.73
	401039				1.72
	403251				1.72
45	409762	AW498884	Hs.257970	ESTs	1.72
	440914	AA909552	Hs.143884	ESTs	1.72
	448507	AL133109	Hs.21333	Homo sapiens mRNA; cDNA DKFZp566N1047 f	1.72
	409605	AW444477	Hs.256507	ESTs	1.71
50	441212	AW242447	Hs.146182	ESTs, Weakly similar to lactase phloriz	1.71
	445624	AW140103	Hs.78880	lmb (bacterial acetolactate synthase)-1	1.71
	458619	AA672064	Hs.301218	ESTs, Weakly similar to Unknown gene pro	1.71
	401969				1.70
	403327				1.70
55	407245	X90568	Hs.172004	tilin	1.70
	417361	NM_000275	Hs.82027	oculocutaneous albinism II (pink-eye di	1.70
	436034	AF282693	Hs.150185	Inflammation-related G protein-coupled r	1.70
	442682	AI014545	Hs.231027	EST	1.70
	458494	AI380906	Hs.158436	ESTs	1.70
60	404682				1.69
	407402	AF035303		gb:Homo sapiens clone 23943 mRNA sequenc	1.69
	409368	AA071059		gb:zm66a10.r1 Stratagene neuroepithelium	1.69
	440362	AA883812	Hs.125508	ESTs	1.69
	448866	BE297743	Hs.284203	myogenic factor 3	1.69
	402201				1.68
65	426230	AA367019	Hs.241395	protease, serine, 1 (trypsin 1)	1.68
	403186				1.67
	408543	AW410200		gb:th05b12.x1 NIH_MGC_17 Homo sapiens cD	1.67
	443672	AA323362	Hs.9667	butyrobetaine (gamma), 2-oxoglutarate di	1.67
70	450391	AI694522	Hs.202280	ESTs	1.67
	408919	AW295352	Hs.251836	ESTs	1.66
	416136	H45027	Hs.181770	ESTs	1.66
	416865	H97853	Hs.42466	ESTs	1.66
	419582	H13139	Hs.82282	paired-like homeodomain transcription fa	1.66
75	437237	BE513073		gb:601171435F1 NIH_MGC_15 Homo sapiens c	1.66
	429134	AA446953	Hs.99004	ESTs	1.65
	445041	T64183	Hs.11398	ESTs	1.65
	453240	AI969554	Hs.284249	Homo sapiens cDNA: FLJ22334 fis, clone H	1.65
	405243				1.64
80	426039	BE265133	Hs.217493	annexin A2	1.64
	430135	NM_000036	Hs.234234	aldolase B, fructose-bisphosphate	1.64
	435942	R06285	Hs.191215	ESTs	1.64
	448106	AI800470	Hs.171941	ESTs	1.64
	408591	AF015224	Hs.46452	mammaglobin 1	1.63

	410881	AW809157		gb:RC0-ST0118-041099-031-c07_1 ST0118 Ho	1.63
	417743	R14738	Hs.8312	ESTs, Weakly similar to AF170723 + prote	1.62
	430632	AC004597	Hs.248088	olfactory receptor, family 10, subfamily	1.62
	448651	BE246440	Hs.93728	pre-B-cell leukemia transcription factor	1.62
5	453718	AL119317	Hs.120360	phospholipase A2, group VI (cytosolic, c	1.62
	459499	AW402653	Hs.28355	Homo sapiens cDNA: FLJ22402 fis, clone H	1.62
	412374	X01388	Hs.73849	apolipoprotein C-II	1.61
	419113	AI448586	Hs.21835	ESTs	1.61
	426795	AI810474	Hs.196945	ESTs	1.61
10	426998	BE274360		gb:601121068F1 NIH_MGC_20 Homo sapiens c	1.61
	428407	NM_003963	Hs.184194	transmembrane 4 superfamily member 5	1.61
	444475	C75671		gb:C75671 Human pancreatic islet Homo sa	1.61
	453399	Z70295	Hs.32966	guanylate cyclase activator 2B (uroguany	1.61
	456275	AW976183	Hs.88414	ESTs, Weakly similar to dJ512E2.1 [H.sap	1.61
15	414050	BE246327		gb:TCBAP1E1967 Pediatric pre-B cell acut	1.60
	418004	U37519	Hs.87539	aldehyde dehydrogenase 8	1.60
	428651	AF196478	Hs.188401	annexin A10	1.60
	443853	AI089064	Hs.250644	ESTs	1.60
	407007	U22961		gb:Human mRNA clone with similarity to L	1.59
20	412067	N45697		gb:yy78d01.r1 Soares_multiple_sclerosis_	1.59
	419080	AW150835	Hs.18878	hypothetical protein FLJ21620	1.59
	448619	AI867182	Hs.202255	ESTs	1.59
	403665				1.58
25	407524	X64985		gb:H.sapiens mRNA HTPCRX11 for olfactory	1.58
	424286	AA338285	Hs.90744	proteasome (prosome, macropain) 26S subu	1.58
	412058	T28160	Hs.778	guanylate cyclase activator 1B (retina)	1.57
	430218	AW998865	Hs.186703	ESTs	1.57
	431882	NM_001426	Hs.271977	engrafted homolog 1	1.57
	450797	AI761930	Hs.205127	ESTs	1.57
30	455366	AW947563		gb:RC0-MT0004-140300-031-g11 MT0004 Homo	1.57
	408421	AW193734	Hs.253067	ESTs	1.56
	421907	BE018555	Hs.108358	ATPase, Class V, type 10B	1.56
	432742	AA564453	Hs.162339	ESTs	1.56
	436624	T64297	Hs.5241	fatty acid binding protein 1, liver	1.56
35	439543	W75935	Hs.146083	ESTs	1.56
	443317	AI051601	Hs.200191	ESTs	1.56
	440097	BE271708	Hs.95110	ESTs, Weakly similar to PIP6_HUMAN 1-PHO	1.56
	457127	AA194554	Hs.183434	ATPase, H+ transporting, lysosomal (vacu	1.56
40	407387	AB000895		gb:Homo sapiens mRNA for cadherin FB1,	1.55
	418837	U48263	Hs.89040	prepronocleptin	1.55
	436749	AA584890	Hs.5302	lectin, galactoside-binding, soluble, 4	1.55
	458475	AI650322	Hs.143249	ESTs	1.55
	402561				1.54
45	411187	AW821291		gb:PM3-ST0307-241299-002-003 ST0307 Homo	1.54
	419224	NM_012189	Hs.252716	fibrousheathin II	1.54
	414657	AA424074	Hs.76780	protein phosphatase 1, regulatory (inhib	1.53
	415426	Z41991	Hs.23197	ESTs	1.53
	421428	U26726	Hs.1376	hydroxysteroid (11-beta) dehydrogenase 2	1.53
50	426300	U15979	Hs.169228	delta-like homolog (Drosophila)	1.53
	428489	AI807459	Hs.98582	ESTs	1.53
	437728	AA766719		gb:aa33c09.s1 NCL CGAP_GCB1 Homo sapiens	1.53
	407124	R08160	Hs.268857	ESTs, Weakly similar to ALU1_HUMAN ALU S	1.52
	414932	C14577	Hs.194517	ESTs	1.52
55	433500	AF084255	Hs.111401	very long-chain acyl-CoA synthetase homo	1.52
	439688	AW445181	Hs.209837	Homo sapiens cDNA FLJ12921 fis, clone NT	1.52
	453391	AW600302	Hs.232655	ESTs	1.52
	424688	AA216267	Hs.1815	myosin, light polypeptide 3, alkali; von	1.51
	436895	AF037335	Hs.5338	carbonic anhydrase XII	1.51
60	443012	AI568813	Hs.132278	ESTs	1.51
	415824	D42039	Hs.78871	mesoderm development candidate 2	1.50
	445152	AI214667	Hs.283597	ESTs	1.50
	455941	BE160011	Hs.129398	Homo sapiens cDNA FLJ14267 fis, clone PL	1.50
	457889	AI035864	Hs.69517	ESTs, Highly similar to differentially e	1.50
65	458503	AL133933	Hs.64310	Interleukin 11 receptor, alpha	1.50
	400694				1.49
	420837	AW966719	Hs.1340	collipase, pancreatic	1.49
	426752	X68490	Hs.172004	itin	1.49
	426784	U03749	Hs.172218	chromogranin A (parathyroid secretory pr	1.49
70	428674	W32133	Hs.194366	transferrin (prealbumin, amyloidosis t	1.49
	444287	AX030077	Hs.10755	dihydropyrimidinase	1.49
	450684	AA672605	Hs.25333	Interleukin 1 receptor, type II	1.49
	425747	AI457620	Hs.205360	ESTs	1.48
	432378	AI493046	Hs.146133	ESTs	1.48
	447999	AW138840	Hs.201778	ESTs	1.48
75	453888	AW450670	Hs.252819	ESTs	1.48
	406667	M12523	Hs.75442	albumin	1.47
	418129	X52997	Hs.1144	glycoprotein IX (platelet)	1.47
	426309	AI912555	Hs.157195	peptide YY, 2 (serin/plasmin)	1.47
80	426755	BE253469		gb:601108143F1 NIH_MGC_16 Homo sapiens c	1.47
	414258	AA203285	Hs.294141	ESTs, Weakly similar to dJ733D15.1 [H.sa	1.46
	417421	AL138201	Hs.82120	nuclear receptor subfamily 4, group A, m	1.46
	420562	AI345569	Hs.190046	ESTs	1.46
	425011	T51986	Hs.283108	hemoglobin, gamma G	1.46

5	443050	A612788	Hs.132348	ESTs, Weakly similar to diaphanous 1 [H.	1.46
	411074	X60435	Hs.68137	adenylate cyclase activating polypeptide	1.45
	434680	T11738	Hs.127574	ESTs	1.45
	454771	AW819939	Hs.273629	ESTs	1.45
	415672	N53097	Hs.193579	ESTs	1.44
10	418141	AW845738	Hs.171118	Homo sapiens mRNA for FLJ00026 protein,	1.44
	406706	X03740	Hs.231581	myosin, heavy polypeptide 1, skeletal mu	1.43
	418197	AA214253		gb:zn58g02.r1 Stratagene muscle 937208 H	1.43
	431821	AW452256	Hs.271221	hypothetical protein FLJ20064	1.43
	455433	AW939463		gb:QV1-DT0072-310100-056-g02 DT0072 Homo	1.43
15	407743	AW814118		gb:MR3-ST0203-151199-011-d09 ST0203 Homo	1.42
	418888	AU076801	Hs.89436	cadherin 17, LI cadherin (liver-Intestin	1.42
	434001	AW950905	Hs.3697	serine (or cysteine) proteinase inhibit	1.42
	441031	AI110684	Hs.7645	fibrinogen, B beta polypeptide	1.42
	452456	BE080763		gb:QV1-BT0631-150200-071-r09 BT0631 Homo	1.42
20	456535	AA305079	Hs.1342	cytochrome c oxidase subunit Vb	1.42
	406349	BE546947	Hs.44276	homeo box C10	1.41
	420391	AA456891	Hs.79123	KIAA0084 protein	1.41
	421126	M74587	Hs.102122	insulin-like growth factor binding prote	1.41
	449329	AW752783		gb:IL3-CT0219-221199-029-F03 CT0219 Homo	1.41
25	453515	AA195712	Hs.132696	ESTs	1.41
	417296	L36198	Hs.81884	sulfotransferase family, cytosolic, 2A,	1.40
	420287	AA740907	Hs.88297	ESTs	1.40
	427583	M82962	Hs.179704	meprin A, alpha (PABA peptide hydrolase)	1.40
	418787	AW286134	Hs.86999	ESTs	1.39
30	422072	AB018255	Hs.111138	KIAA0712 gene product	1.39
	425988	BE045897	Hs.274454	ESTs	1.39
	428087	AA100573	Hs.182421	troponin C2, fast	1.39
	438136	NM_002390	Hs.6088	a disintegrin and metalloproteinase doma	1.39
	455579	BE011320		gb:PM3-BN0218-090500-002-d09 BN0218 Homo	1.39
35	402316				1.38
	417084	H08370	Hs.33067	ESTs	1.38
	423276	AC003034	Hs.126261	Homo sapiens Chromosome 16 BAC clone CIT	1.38
	433787	A1472951	Hs.173688	ESTs	1.38
	413830	BE263439	Hs.13144	HSPC160 protein	1.37
40	423576	NM_000383	Hs.129829	autoimmune regulator (autoimmune polye	1.37
	401886				1.36
	412688	AW583062	Hs.74502	chymotrypsinogen B1	1.36
	401238				1.34
	421511	AA488940	Hs.105215	hypothetical protein FLJ11125	1.34
45	422440	NM_004812	Hs.116724	aldo-keto reductase family 1, member B11	1.34
	425450	U14755	Hs.157449	UM homeobox protein 1	1.34
	427333	AF067797	Hs.176658	aquaporin 8	1.34
	430937	X53463	Hs.2704	glutathione peroxidase 2 (gastrointestinal	1.34
	445204	AW135523	Hs.245853	ESTs	1.34
50	452030	AL137578	Hs.27607	Homo sapiens mRNA; cDNA DKFZp564N2464 (f	1.34
	456379	W22208		gb:63E10 Human retina cDNA Tsp5091-cleav	1.34
	457416	BE142052		gb:CM3-HT0137-150999-011-b05 HT0137 Homo	1.34
	415741	AI802761	Hs.272087	ESTs	1.33
	422260	AA315993	Hs.105484	ESTs, Weakly similar to LITB_HUMAN LITB	1.33
55	429188	AB011171	Hs.198037	KIAA0599 protein	1.33
	442776	AW959488	Hs.8709	chymotrypsin C (caldecrin)	1.33
	454748	AW862014		gb:RC3-CT0347-160200-013-d09 CT0347 Homo	1.33
	437744	AW280905	Hs.300288	ESTs, Weakly similar to CGHU2E collagen	1.32
	451997	AA021351	Hs.158497	KIAA0724 gene product	1.32
60	452340	NM_002202	Hs.505	ISL1 transcription factor, LIM/homeodoma	1.32
	411879	BE145354	Hs.273758	Homo sapiens cDNA: FLJ23112 fis, clone L	1.31
	424304	NM_001395	Hs.144879	dual specificity phosphatase 9	1.31
	401442				1.30
	403942				1.30
65	443687	F13040	Hs.182937	peptidylprolyl isomerase A (cyclophilin	1.30
	401624				1.29
	411886	AA452636	Hs.131057	ESTs, Moderately similar to CRGD_HUMAN G	1.29
	418575	AA225313	Hs.222886	ESTs	1.29
	419818	AI867122	Hs.301931	ESTs	1.29
70	429846	AB020337	Hs.225943	UDP-Gal4betaGlcNAc beta 1,3-galactosyltr	1.29
	447586	AI081980	Hs.285829	solute carrier family 25 (mitochondrial	1.29
	407013	U95837		gb:Human nebulin mRNA, partial cds	1.28
	428470	AC002301	Hs.184507	Homo sapiens Chromosome 16 BAC clone CIT	1.28
	429780	AL137518	Hs.300388	ESTs	1.28
75	453538	AW731888	Hs.95196	ESTs, Weakly similar to T20B12.3 [C.eleg	1.28
	400846				1.27
	420257	AA257035	Hs.190042	ESTs	1.27
	429184	AF095735	Hs.198003	sarcosine dehydrogenase	1.27
	437389	AL359587	Hs.271586	hypothetical protein DKFZp762M115	1.27
80	444412	AI147652	Hs.216381	Homo sapiens clone H1409 unknown mRNA	1.27
	451139	AW293316	Hs.205558	ESTs	1.27
	431284	AA570148	Hs.126783	Homo sapiens cDNA: FLJ22610 fis, clone H	1.26
	431969	AA366217	Hs.2879	carboxypeptidase A1 (pancreatic)	1.26
	408158				1.25
	419648	T73661	Hs.91877	ESTs, Highly similar to THH_HUMAN THYRO	1.25
	430681	AW959675	Hs.291232	ESTs	1.25
	434680	U02388	Hs.101	cytochrome P450, subfamily IVF, polypept	1.25

5	436217	T53925	Hs.107	fibrinogen-like 1	1.25
	440089	AA864468	Hs.135646	ESTs	1.25
	446787	U67167	Hs.315	mucin 2, intestinal/tracheal	1.25
	448207	AI475490	Hs.170577	ESTs	1.25
	454869	AW836004	Hs.114949	gb:PM0-LT0019-170200-001-d11 LT0019 Homo	1.25
10	413271	AA127873		ESTs	1.24
	422619	AA313322		gb:EST185218 Colon carcinoma (HCC) cell	1.24
	422796	AW897265		gb:CM0-NN0057-150400-335-a04 NN0057 Homo	1.24
	427530	AA405093	Hs.126519	ESTs	1.24
	437727	AA765707	Hs.153039	ESTs	1.24
15	426435	AI827946	Hs.189118	ESTs	1.23
	426429	X73114	Hs.169849	myosin-binding protein C, slow-type	1.22
	407964	AW130334	Hs.281111	ESTs	1.21
	430828	AI763257	Hs.86327	Homo sapiens cDNA: FLJ22431 fis, clone H	1.21
	432029	D31628	Hs.2899	4-hydroxyphenylpyruvate dioxygenase	1.21
20	457843	AW138211	Hs.128746	ESTs	1.21
	413242	BE074165		gb:PM3-BT0564-030300-002-e12 BT0564 Homo	1.20
	446057	AI420227	Hs.149358	ESTs	1.20
	447198	D61523	Hs.283435	ESTs	1.20
	449513	AI653232	Hs.195059	EST	1.20
25	416566	F12119		gb:HSC35H091 normalized infant brain cDN	1.19
	423315	RS4109	Hs.26096	ESTs	1.19
	455817	BE142384		gb:CM2-HT0144-210999-011-d04 HT0144 Homo	1.19
	459354	BE514778		gb:601317094F3 NIH_MGC_9 Homo sapiens cD	1.19
	408432	AW195262		gb:cn67b05.x1 NCL CGAP_CML1 Homo sapiens	1.18
30	414275	AW970254	Hs.889	Charot-Leyden crystal protein	1.18
	419251	NM_001486	Hs.89771	glucokinase (hexokinase 4) regulatory pr	1.18
	456702	AI684534		gb:wa72f10.x1 Soares_NFL_T_GBC_S1 Homo s	1.18
	458009	AI221409	Hs.144983	ESTs	1.18
	410193	AJ132592	Hs.59757	zinc finger protein 281	1.17
35	417779	AA828526	Hs.124977	ESTs	1.17
	435101	AJ743156	Hs.131064	ESTs	1.17
	445360	AJ798778	Hs.156029	ESTs	1.17
	414160	BE257021		gb:601117426F1 NIH_MGC_16 Homo sapiens c	1.16
	418078	AA521268	Hs.86508	ESTs	1.15
40	425133	NM_002613	Hs.154729	3-phosphoinositide dependent protein kin	1.15
	437935	AW939591	Hs.5940	hypothetical protein FLJ20063	1.15
	446377	AW014022	Hs.170953	ESTs	1.15
	420097	AA700127	Hs.190504	ESTs	1.13
	446591	H44186	Hs.15456	PDZ domain containing 1	1.13
45	451477	AJ798425	Hs.42710	ESTs	1.13
	459197	BE244587		gb:TCBAP2E0851 Pediatric pre-B cell acut	1.13
	428934	AF039401	Hs.194659	chloride channel, calcium activated, fam	1.12
	431191	AW972118	Hs.100002	HSPC162 protein	1.12
	424403	F05183	Hs.1799	CD1D antigen, d polypeptide	1.11
50	433546	AI075877	Hs.125461	Homo sapiens cDNA FLJ11539 fis, clone HE	1.11
	451179	W05469	Hs.31818	ESTs	1.11
	400302	N48056	Hs.1915	folate hydrolase (prostate-specific memb	1.10
	420774	AA280209	Hs.185270	ESTs	1.10
	428887	AA437009	Hs.98954	ESTs	1.10
55	430582	AI215509	Hs.143964	ESTs	1.10
	453842	AI370536	Hs.34074	dipeptidylpeptidase VI	1.10
	406690	M29540	Hs.220529	carcinoembryonic antigen-related cell ad	1.09
	417998	AW967420		gb:EST379495 MAGE resequences, MAGJ Homo	1.09
	456387	W28876		gb:52h7 Human retina cDNA randomly prime	1.09
60	427865	D00306	Hs.183864	elastase 39	1.08
	447388	AW630534	Hs.76277	ESTs, Weakly similar to TB2 [H.sapiens]	1.08
	413641	M34276	Hs.75576	plasminogen	1.07
	429201	X03178	Hs.198246	group-specific component (vitamin D bind	1.07
	433313	W20128	Hs.298039	ESTs	1.07
65	439450	R51613	Hs.125304	ESTs	1.07
	458963	AI701393	Hs.278728	Rad and Gem-related 2 (rat homolog)	1.07
	405161				1.06
	406741	AA058357	Hs.74466	carcinoembryonic antigen-related cell ad	1.06
	424294	BE299311		gb:801119256F1 NIH_MGC_17 Homo sapiens c	1.06
70	424544	M98700	Hs.150403	dopa decarboxylase (aromatic L-amino aci	1.06
	444687	AW972109	Hs.135107	ESTs	1.06
	444754	T83911	Hs.11881	transmembrane 4 superfamily member 4	1.06
	421243	AW873803	Hs.102876	pancreatic lipase	1.05
	444290	AA262496	Hs.29280	ESTs	1.05
75	407984	AW134708	Hs.243569	ESTs	1.04
	439708	AW872527	Hs.59761	ESTs	1.04
	402194				1.03
	427506	AK000134	Hs.179100	hypothetical protein FLJ20127	1.03
	428819	AL135623	Hs.193914	KIAA0675 gene product	1.03
80	434590	T47232		gb:yb84b08.s1 Stratagene ovary (937217)	1.03
	416378	AW044457	Hs.73708	ESTs, Weakly similar to A57291 cytokine	1.02
	431912	AI680562	Hs.154903	ESTs, Weakly similar to A56154 Abl subst	1.02
	443316	AI478463	Hs.18443	ESTs	1.02
	428585	AB007863	Hs.185140	KIAA0403 protein	1.01
	400440	X83967	Hs.83870	nebulin	1.00
	404819	BE514535	Hs.77171	minichromosome maintenance deficient (S	1.00
	407168	R45175		gb:cyg40f01.s1 Soares infant brain 1N18 H	1.00

	408052	AW501117	Hs.283585	ESTs	1.00
	409187	AF154830	Hs.50966	carbamoyl-phosphate synthetase 1, mitoch	1.00
	409327	L41162	Hs.53583	collagen, type IX, alpha 3	1.00
5	410234	NM_003837	Hs.61255	fructose-1,6-bisphosphatase 2	1.00
	410319	R23413	Hs.71935	putative zinc finger protein from EUROIM	1.00
	411000	N40449	Hs.201619	ESTs, Weakly similar to SEB4B [H.sapiens]	1.00
	412088	AI493054	Hs.158968	ESTs	1.00
	412446	AI768015	Hs.92127	ESTs	1.00
10	412637	AA115097	Hs.281313	ESTs	1.00
	413147	BE087271		gb:PM2-BT0349-161299-001-b05 BT0349 Homo	1.00
	413697	AW302885	Hs.117183	ESTs	1.00
	414117	W88559	Hs.1787	proteolipid protein (Pelizaeus-Merzbache	1.00
	414523	AU076633	Hs.76353	serine (or cysteine) proteinase inhibitor	1.00
15	417074	Z49878	Hs.81131	guanidinacetate N-methyltransferase	1.00
	418390	AF133820	Hs.84665	titin immunoglobulin domain protein (myo	1.00
	419768	T72104	Hs.93194	apolipoprotein A-I	1.00
	420182	Z44245	Hs.22999	ESTs	1.00
	420923	AF097021	Hs.273321	differentially expressed in hematopoietic	1.00
20	421100	AW351839	Hs.124660	Homo sapiens cDNA: FLJ21763 fis, clone C	1.00
	421204	AW081587	Hs.165051	ESTs	1.00
	422189	AF252292	Hs.112933	Tax Interaction protein 40	1.00
	422792	AI951548	Hs.135163	ESTs	1.00
	423371	AU076819	Hs.1650	solute carrier family 26, member 3	1.00
25	424208	AW583123	Hs.143113	pancreatic lipase-related protein 2	1.00
	424922	BE386547	Hs.217112	ESTs, Weakly similar to Similarity to Ye	1.00
	425206	NM_002153	Hs.155109	hydroxysteroid (17-beta) dehydrogenase 2	1.00
	425545	N96529	Hs.158295	Human mRNA for myosin light chain 3 (MLC	1.00
	425983	AK000226	Hs.165619	mucin and cadherin-like	1.00
30	426004	AW500300	Hs.124123	ESTs, Weakly similar to syncollin [R.nor	1.00
	427627	R87582	Hs.179915	guanine nucleotide binding protein (G pr	1.00
	428848	NM_000230	Hs.194236	leptin (murine obesity homolog)	1.00
	429027	AL022314	Hs.194750	Human DNA sequence from clone 1170K4 on	1.00
	429231	AA613214		gb:J32809.s1 Soares_testis_NHT Homo sap	1.00
35	429441	AJ224172	Hs.204096	lipophilin B (uteroglobin family member)	1.00
	429930	AI580809	Hs.99569	ESTs	1.00
	429970	AK000072	Hs.227059	chloride channel, calcium activated, fam	1.00
	430418	R98852	Hs.36029	heart and neural crest derivatives expro	1.00
	431845	AA516469	Hs.270554	ESTs	1.00
40	433084	M18079	Hs.282265	fatty acid binding protein 2, intestinal	1.00
	433839	F35430	Hs.146070	ESTs, Weakly similar to ALU1_HUMAN ALU S	1.00
	434452	AA634333	Hs.116822	ESTs	1.00
	435499	R89344	Hs.14148	ESTs	1.00
	438433	AB018274	Hs.6214	KIAA0731 protein	1.00
45	442403	AW207724	Hs.129516	ESTs	1.00
	442803	AI675298	Hs.199817	ESTs	1.00
	443266	AI277101	Hs.25880	ESTs, Weakly similar to transducin [H.sa	1.00
	444656	AI277924	Hs.145199	ESTs	1.00
	445573	AI439646	Hs.157494	ESTs, Weakly similar to KIAA0676 protein	1.00
50	446163	AA028880	Hs.25252	Homo sapiens cDNA FLJ13503 fis, clone PL	1.00
	447359	NM_012093	Hs.18268	adenylate kinase 5	1.00
	447551	BE066634	Hs.929	myosin, heavy polypeptide 7, cardiac mus	1.00
	448657	BE147857	Hs.283841	ESTs, Weakly similar to KIAA0672 protein	1.00
	449238	AA428229	Hs.85524	muscle-specific RING-finger protein homo	1.00
55	450085	AW293791	Hs.60162	Homo sapiens cDNA: FLJ21528 fis, clone C	1.00
	450390	N93227	Hs.98403	ESTs	1.00
	451681	Z28564	Hs.259350	ESTs, Weakly similar to AAG4_HUMAN 64 KD	1.00
	452093	AA447453	Hs.27860	Homo sapiens mRNA; cDNA DKFZp586M0723 (f	1.00
	452528	AA742457	Hs.291479	ESTs	1.00
60	452824	AU076606	Hs.30054	coagulation factor V (proaccelerin, labl	1.00
	453754	AW972580	Hs.172753	ESTs	1.00
	453991	AW014915	Hs.273741	ESTs	1.00
	454517	AW503340		gb:IL2-UM0079-090300-050-D02 UM0079 Homo	1.00
	459367	BE148877		gb:CM4-HT0244-111199-040-h12 HT0244 Homo	1.00
65	460021	AW137193	Hs.245867	ESTs	0.99
	417435	NM_005181	Hs.82129	carbonic anhydrase III, muscle specific	0.99
	437206	AW975934	Hs.283382	ESTs, Weakly similar to Protein sequence	0.99
	422890	Z43784	Hs.78713	solute carrier family 25 (mitochondrial	0.98
	425878	AW964806	Hs.38085	ESTs, Weakly similar to putative glycine	0.98
70	441888	AI733306	Hs.128071	hypothetical protein FLJ21302	0.98
	423068	M25828	Hs.123107	kallikrein 1, renal/pancreatic/urinary	0.97
	453634	NM_014796	Hs.33187	KIAA0748 gene product	0.97
	457787	AA683288		gb:ae92b04.s1 Stratagene schizo brain S1	0.97
	421285	NM_000102	Hs.1363	cytochrome P450, subfamily XVII (steroid	0.96
75	422069	AJ010063	Hs.111110	K5n-cap (telothelin)	0.96
	425260	L47728	Hs.1870	phenylalanine hydroxylase	0.96
	418406	X73501	Hs.84905	cytokeratin 20	0.95
	425670	AW968536	Hs.190146	ESTs	0.95
	416373	AA195945	Hs.73580	ESTs, Weakly similar to AF198455 1 epith	0.94
80	452243	AL355715	Hs.28555	programmed cell death 9	0.94
	411908	L27943	Hs.72824	cytidine deaminase	0.93
	415067	AI264569	Hs.929	myosin, heavy polypeptide 7, cardiac mus	0.93
	437156	AI916600	Hs.121194	Homo sapiens cDNA: FLJ21569 fis, clone C	0.93
	450685	L15533	Hs.423	pancreatic-associated protein	0.92

5	427450	AB014526	Hs.178121	KIAA0626 gene product	0.91
	432440	X63597	Hs.2996	sucrase-isomaltase	0.91
	426651	AU076646	Hs.171683	nuclear receptor subfamily 1, group H, m	0.90
	414910	X12662	Hs.29679	cofactor required for Sp1 transcriptiona	0.89
	423317	AJ272204	Hs.64616	chromosome 12 open reading frame 3	0.89
10	424735	U31875	Hs.152677	Homo sapiens cDNA FLJ20338 fis, clone HE	0.89
	439751	AA196090	Hs.50794	Homo sapiens mRNA full length insert cDN	0.89
	452689	F33868	Hs.284176	transferrin	0.89
	446240	AI535735	Hs.170165	ESTs	0.88
	449110	H56112	Hs.277063	ESTs	0.88
15	453817	AW755253	Hs.61920	ESTs	0.88
	428221	U96781	Hs.183075	ESTs, Highly similar to Ca2+-ATPase of f	0.87
	438461	AW075485	Hs.286049	phosphoserine aminotransferase	0.87
	446525	AW967069	Hs.211556	Homo sapiens cDNA: FLJ23378 fis, clone H	0.87
	453341	AI758912	Hs.296341	adenylyl cyclase-associated protein 2	0.87
20	403740				0.86
	420156	AW449258	Hs.6187	ESTs	0.86
	430304	AL122071	Hs.238927	Homo sapiens mRNA; cDNA DKFZp434H1235 (f	0.86
	421142	AW503944	Hs.130822	ESTs	0.85
	444107	T46839	Hs.10319	UDP glycosyltransferase 2 family, polype	0.85
25	419415	AW451692	Hs.192036	ESTs	0.84
	423321	AB013885	Hs.126926	beta-ureidopropionase	0.84
	432938	T27013	Hs.3132	steroidogenic acute regulatory protein	0.84
	433447	U29195	Hs.3281	neuronal pentraxin II	0.84
	403047				0.83
30	406707	S73840	Hs.931	myosin, heavy polypeptide 2, skeletal mu	0.81
	407782	AA608956	Hs.112619	ESTs, Weakly similar to PQ0109 Purkinje	0.81
	405232				0.80
	437776	AA768037	Hs.291671	ESTs	0.80
	415505	R39870	Hs.12548	ESTs	0.79
35	444436	N25871	Hs.177337	ESTs	0.78
	408036	AA194412	Hs.50550	sarcomeric muscle protein	0.77
	432134	AI816782	Hs.122583	Homo sapiens cDNA: FLJ21934 fis, clone H	0.76
	437086	AA743570	Hs.200935	ESTs	0.76
	427003	U19487	Hs.2060	prostaglandin E receptor 2 (subtype EP2)	0.75
40	423634	AW959808	Hs.1690	heparin-binding growth factor binding pr	0.73
	413333	M74028	Hs.75297	fibroblast growth factor 1 (acidic)	0.71
	420567	AK000812	Hs.98874	similar to proline-rich protein 48	0.71
	447145	AA761073	Hs.192943	ESTs	0.71
	452103	R42764	Hs.3248	mutS (E. coli) homolog 6	0.71
45	410929	H47233	Hs.30643	ESTs	0.70
	400301	X03635	Hs.1657	estrogen receptor 1	0.69
	415702	F28877		gb:HSPD18414 HM3 Homo sapiens cDNA clone	0.67
	411395	C04646	Hs.85428	ESTs	0.65
	431706	AI816086	Hs.296341	adenylyl cyclase-associated protein 2	0.65

## 50 TABLE 28B

55	PKay:	Unique Eos probaset identifier number			
	CAT number:	Gene cluster number			
	Accession:	Genbank accession numbers			
60	PKay	CAT number	Accession		
	407743	1012151_1	AW814118 AW814257 AW072376		
	408123	1040435_1	AW163377 AW160398		
	408432	1058667_1	AW195262 R27868 AW811262		
	408664	1073340_1	R56362 AW248096 R07162 R07285		
65	408922	109017_1	R87388 R84328 AA058916		
	409368	112377_1	AA071069 AA085201 AA085020		
	409543	1138723_1	AW410200 AW409705 AW411433 BE296786 BE270309		
	409669	114633_1	AA078492 AA078333 AA077450 AA077746 AA076896		
	409778	1154205_1	AW499705 AW502537 AW503016		
70	409802	1155179_1	AW500732 AW504061		
	410285	119128_1	AA083609 AA083790 AA112048		
	410851	1225682_1	AW809157 AW812181 AW812175 AW812172 AW812161 AW812165		
	411187	1235092_1	AW821291 AW821264 AW821287 AW821290 AW821285 AW821280 AW821259		
	412067	1275841_1	N45897 N45540 AW890595		
75	413147	1350637_1	BE067271 BE067266 BE067286 BE067278 BE067299 BE067286		
	413242	1355323_1	BE074165 BE075001 BE075009		
	413811	1391117_1	BE168828 BE168830 BE168823 BE168928 BE168820 BE168826		
	414060	1413687_1	BE246327 BE244704		
	414095	1416521_1	BE233546 BE249848		
80	414160	1422273_1	BE257021 BE258316 BE257089		
	414580	1463848_1	BE386918 BE408833 BE385437		
	415011	151328_1	AW863085 AA159005 AW983073		
	415566	1539861_1	F12119 Z45475 T64632		
	415702	1547874_1	F28877 F35687		
	417998	171375_1	AW867420 AA210915 AA236991 AA210916		
	418197	172884_1	AA214253 AA214259 Z28472 Z28881 Z17828		
	418464	1759038_-2	R87580		
	418556	1767866_-1	T02850		

	422619	218570_1	AA313322 BE408282 AA655612 BE073382
	422795	221500_1	AW697265 AW897274 AL119504 AW897275 AW697270 AW897312 AW897318 AW897317 AA317240 AW961361 T06241 AA326794 AL138130
5	424294	237907_1	AW407975 AW999277
	424334	238221_1	BE299311 AA338954 AA338468 AW960907
	424648	241947_1	AA393460 AA338940 AW966277 AA419006
	425515	252721_1	AA344576 AA732430 AA344601
	426328	264901_1	W26609 W27360 AA358818
10	426507	268382_1	AW631296 AA375484
	426755	271382_1	AA380285 AW934727 AW934914
	426880	273277_2	BE253469 BE176417 BE176415 AA384133
	426998	274259_1	AA453482 AF012388
	429231	301463_1	BE274360
15	430728	322706_1	AA813214 AI936567 AI743529 AA448279 AA994476 AI807452 AI218180 AA972858
	432092	34124_1	AW968522 AA485112 AA485162 AW968598
	433114	35904_1	AF135026 AA583908
	434590	38931_1	AA121579 AB005217
	437237	43506_2	T47232 AF147366 T47231
20	437728	441520_1	BE513073
	439894	478736_1	AA766719 AA767041 AW977440
	442197	535550_1	AA853077 AA852175
	442614	547073_1	AW837912 AW837934 AA884475 AW997490
	444475	607874_1	AI269030 AI204085 AI004047
25	448427	762970_1	C75571 AI150469 T10778
	449329	80484_1	BE395260 AW291036 AI500420
	451588	87667_1	AW752763 H38266 AA001166
	452466	918391_1	AW072057 AI225096 AA018702
	454517	1221063_1	BE080763 T96699 BE081135 AI902630 H49182 AI904021 AI902697
30	454748	1233013_1	AW803340 AW803280 AW803275 AW803415 AW803343 AW803422
	454869	1238137_1	AW862014 AW858740 AW858735 AW818542 AW858765 AW862027 AW858775 AW858771 AW858763
			AW836004 AW836087 AW836163 AW836152 AW836065 AW836084 AW836079 AW836083 AW836082 AW836086 AW836088 AW836166 AW836164
			AW836002 AW836078 AW836161 AW862135 AW836165 AW836003
	454886	1238987_1	AW837063 AW935882 AW935857
35	455075	1252389_1	AW854850 AW854848
	455104	1253737_1	BE064853 BE153698 AW856751 BE153820 BE064737 BE153674 BE064730 BE065062 BE153636 AW856622 BE155079 BE064651 BE153665
			BE064650 BE064691
	455366	1284685_1	AW947563 AW947543 AW947553 AW947549 AW947717 AW902859 AW902827 BE011032
	455433	1290311_1	AW839463 AW939484 AW939480 AW939469 AW939548 AW939593 AW939548 AW939593 AW939106
	455446	1291869_1	AW947749 AW947746 AW947754 AW946636 AW946674
40	455579	1339944_1	BE011320 BE006381 BE006361 BE011180 BE011328 BE011325 BE011157 BE008384 BE006387 BE006385 BE011160 BE011319 BE011346
			BE006370 BE006385 BE011173 BE006389 BE006376 BE006375 BE006364 BE011321 BE006379
	455652	1348736_1	BE064675 BE064761 BE064609 BE084673 BE064672 BE064674
	455817	1371986_1	BE142384 BE142387
	455994	1388737_1	BE179190 BE179206 BE179182 BE179185 BE179186 BE179194
45	456150	1574395_1	Z42308 H23514
	456379	1839113_2	W22206 W22498 W26922
	456387	1842730_1	W28876 W26158
	456702	219191_1	AI684534 BE262411 AA314031 AW752724
	457416	334503_1	BE142052 AW265588 AA505741
50	457787	407235_1	AA683268 BE002903 BE002672
	458764	73207_1	BE619386 AA300687
	459197	924229_1	BE244587 AW936684 AW176480 AI940102 AW844995 AW938670 AI909850 AI909885 AI940079 AI909873
55	TABLE 26C		
	Key:	Unque number corresponding to an Eos probeset	
	Ref:	Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled "The DNA sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:469-495.	
60	Strand:	Indicates DNA strand from which exons were predicted.	
	NT_position:	Indicates nucleotide positions of predicted exons.	
	Key	Ref	Strand NT_position
65	400489	8954013	Plus 131475-131652
	400527	9796886	Plus 160750-161007
	400545	9800107	Minus 124618-124881
	400624	7228177	Minus 94097-94756
	400635	8567750	Minus 102800-102932,107482-107689
70	400672	8118724	Minus 148067-148503
	400675	8118750	Plus 11223-11816
	400694	8118802	Plus 94288-94442
	400736	8118985	Plus 143447-143851
	400846	9188605	Plus 39310-39474
75	401007	8117333	Minus 140821-141050
	401015	8117441	Plus 72260-72369
	401039	7232177	Plus 6698-6884
	401122	8570296	Plus 68256-68444
	401238	9954455	Minus 49473-49644
80	401442	8346725	Minus 85874-85910
	401496	7381769	Minus 82790-83002
	401590	9956320	Minus 33547-33649
	401603	7689963	Minus 116659-116780
	401624	8575907	Plus 168318-168444,172964-173647

	401688	2347081	Plus	22016-22624
	401704	3097841	Plus	24712-25374
	401728	8134856	Minus	82117-82920
5	401743	2865207	Plus	115475-115640
	401767	9958312	Plus	156823-156921,157364-157554
	401810	7342191	Plus	129063-129476
	401840	7684597	Plus	56283-56439
	401886	7229913	Minus	79215-79393
10	401919	9502466	Plus	67536-67666
	401969	3126777	Plus	44863-45366
	402051	8082020	Minus	19346-19480,20041-20119
	402066	8084234	Plus	207002-207288
	402163	8247679	Minus	122580-122987
	402158	8516165	Minus	146298-148429,148566-148677
15	402165	8569830	Minus	65054-65079
	402194	8576113	Plus	70917-71191
	402195	7689778	Minus	147901-148684
	402201	8576119	Plus	655-951
20	402316	7527774	Minus	10751-10919,18817-19062,22131-22328
	402382	9690314	Minus	155331-155528
	402386	9799769	Plus	22069-22303
	402394	9929690	Plus	33308-33482
	402409	9796255	Minus	8571-10061
25	402423	9796344	Minus	62487-62864
	402448	9796640	Plus	112942-113069,114303-114521
	402457	9796782	Minus	16513-16577,16838-16926
	402534	9801081	Plus	58989-59457
	402538	9801137	Minus	96314-96539
30	402561	9864675	Plus	72567-73163
	402588	9908948	Minus	33027-33183,59060-59198
	402690	8348058	Plus	13368-13998
	402714	8969263	Minus	18811-18886,19106-19328,19525-19764
	402752	9230904	Minus	123298-124036
35	402862	2958660	Minus	18518-18556
	402911	7253904	Plus	142689-142979
	402951	9408717	Plus	73252-73329,73718-73877,76217-76299,78195-78401
	402968	9581783	Minus	58668-58924
	403047	3540153	Minus	59793-59868
40	403115	7331404	Minus	142952-143094,145474-145653,146269-146445,152816-152998
	403125	9180936	Minus	197548-197712
	403183	9838273	Plus	109930-110074
	403186	9838287	Minus	117513-117856
	403211	7630841	Minus	159211-159369
45	403247	7656833	Minus	76626-77140
	403251	7677983	Plus	100391-100652
	403327	8440025	Minus	174311-174451,174587-174705,175523-175592
	403376	9369545	Minus	108698-108830
50	403479	7328292	Minus	148369-148533,150578-150809
	403526	8017144	Plus	55367-55483
	403540	8077057	Minus	56315-56450
	403605	6862654	Plus	91814-91718
	403612	8469060	Minus	94723-94859
	403665	7249278	Plus	69027-69375
55	403716	7239669	Plus	86899-87122
	403731	7543752	Minus	144000-144818
	403740	7630882	Plus	88504-87227
	403921	7711590	Minus	3297-3536
	403942	7711825	Minus	99606-99767
60	403997	7708819	Plus	134427-134693
	404139	9838113	Plus	76707-76891
	404247	7406725	Minus	83949-84214,84312-84415,84499-84677,84878-85114
	404282	2276311	Plus	61503-62205
	404348	7630858	Minus	28895-29062
65	404666	9797204	Minus	11332-11546,12584-12718
	404682	9797231	Minus	40977-41150
	404795	4826439	Plus	147501-147780
	404825	6478944	Plus	210382-210494
	404938	7381808	Minus	165838-165950
70	405075	7770506	Minus	124880-125321
	405147	9438278	Minus	158986-159557
	405161	9968280	Plus	157607-157785
	405163	9968267	Minus	161171-161298
	405187	7229826	Plus	117025-117170,118567-118736
	405217	7239551	Plus	32646-33138
75	406232	7249042	Plus	125904-126063
	405243	7249201	Minus	22312-23197
	405327	6094661	Minus	120550-120750
	405378	6491714	Plus	91139-91440
	405420	7211837	Minus	13428-13582
80	405703	4240388	Minus	15850-16081
	405737	9943984	Minus	104275-104508,104755-104877
	405895	7677903	Minus	66990-67484
	408059	9103984	Minus	13855-14004



5	406101	9124019	Plus	125325-125831
	406118	9143818	Plus	53997-54629
	406150	9886026	Minus	59331-59701
	406158	7144874	Plus	62393-63016,65012-65578
	406343	9255574	Plus	17284-17440,18489-18646,18917-19004,19384-19538
	406357	9256093	Minus	77181-77415
	406563	7711604	Plus	34401-34538

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TABLE 29A: 2286 GENES UP-REGULATED IN IDIOPATHIC PULMONARY FIBROSIS (IPF) COMPARED TO NORMAL BODY

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Table 29A lists about 2286 genes that are up regulated in idiopathic pulmonary fibrosis samples as compared with normal "body map" samples. These were selected from about 59680 probesets on an Affymetrix/Eos Hu03 GeneChip array such that the ratio of "average" idiopathic pulmonary fibrosis expression level to "average" normal adult tissues sample expression was greater than or equal to about 2.0. The "average" fibrosis sample expression level was set to the 90<sup>th</sup> percentile amongst idiopathic pulmonary fibrosis samples. The "average" normal adult tissue level was set to the 95<sup>th</sup> percentile amongst non-malignant tissues. In order to remove gene-specific background levels of non-specific hybridization, the 15<sup>th</sup> percentile value amongst non-malignant tissues was subtracted from both the numerator and the denominator before the ratio was evaluated.

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Pkey: Unique Eos probeset identifier number  
 ExAccn: Exemplar Accession number, Genbank accession number  
 UnigeneID: Unigene number  
 Unigene Title: Unigene gene title  
 R1: Ratio of IPF to normal body tissue

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Pkey	ExAccn	Unigene ID	Unigene Title	R1
427393	NM_005411	Hs.177582	surfactant, pulmonary-associated protein	211.8
442275	AW449467	Hs.54795	ESTs	189.7
431433	X65018	Hs.253455	surfactant, pulmonary-associated protein	134.1
441835	AB036432	Hs.184	advanced glycosylation end product-spec	130.4
417204	N81037	Hs.1074	surfactant, pulmonary-associated protein	116.8
421798	N74880	Hs.264330	N-acylsphingosine amidohydrolase [acid c	92.1
406964	M21305		gb:Human alpha satellite end satellite 3	80.7
443709	A1082692	Hs.134662	ESTs	67.1
431164	AA493650	Hs.94367	Homo sapiens cDNA: FLJ23494 fis, clone L	61.4
445537	AJ245671	Hs.12844	EGF-like domain, multiple 6	57.4
418007	M13509	Hs.83169	matrix metalloproteinase 1 (interstitial	54.6
457200	U33749	Hs.197764	thyroid transcription factor 1	44.9
432519	AJ221311	Hs.130704	ESTs, Weakly similar to BCHU1A S-100 pro	42.7
443324	R44013	Hs.164225	ESTs	39.8
414142	AW368397	Hs.150042	Homo sapiens cDNA FLJ14438 fis, clone HE	27.3
442005	AW975183	Hs.292563	ESTs, Weakly similar to S72482 hypotheti	27.1
444527	NM_005408	Hs.11383	small inducible cytokine subfamily A (Cy	27.1
453310	X70697	Hs.553	solute carrier family 6 (neurotransmitte	26.9
424084	A1940675	Hs.20914	hypothetical protein FLJ23058	22.2
421659	NM_014459	Hs.106511	protocadherin 17	21.0
450478	AW451709	Hs.271200	ESTs	20.2
444342	NM_014398	Hs.10887	similar to lysosome-associated membrane	19.7
447033	A1357412	Hs.157601	ESTs	19.4
445885	A1734009	Hs.127699	KIAA1603 protein	18.9
411880	AW872477		gb:hm3003.x1 NCI_CGAP_Tthyl Homo sapiens	17.9
432437	W07088	Hs.293685	ESTs	17.8
424105	A1142336	Hs.43977	Human DNA sequence from clone RP11-196N1	17.3
431941	AK000106	Hs.272227	Homo sapiens cDNA FLJ20099 fis, clone CO	17.2
440807	AW269421	Hs.128093	ESTs	16.7
424917	A1636208	Hs.96901	hypothetical protein FLJ23049	16.4
433365	AF026944	Hs.293797	ESTs	16.4
445279	R41900	Hs.22245	ESTs	16.4
417801	AA417383	Hs.82582	Integrin, beta-like 1 (with EGF-like rep	16.4
405554				16.1
449328	A1862493	Hs.197647	ESTs	16.1
449494	AW237014	Hs.315369	Homo sapiens cDNA: FLJ23075 fis, clone L	15.7
408826	AF218077	Hs.48376	Homo sapiens clone HB-2 mRNA sequence	15.5
417728	AW138437	Hs.24790	KIAA1573 protein	15.0
440452	A1928136	Hs.55150	ESTs, Weakly similar to CAVP_HUMAN CALCY	14.8
452039	A1922988	Hs.172510	ESTs	14.4
408771	AW732573	Hs.47584	potassium voltage-gated channel, delayed	14.3
421464	AA291553	Hs.190086	ESTs	14.1
421554	AW137676	Hs.97775	ESTs	13.8
431889	AA521277	Hs.124946	ESTs, Weakly similar to A46010 X-linked	13.2
434424	A1811202	Hs.325335	Homo sapiens cDNA: FLJ23523 fis, clone L	13.2
431924	AK000850	Hs.272203	Homo sapiens cDNA FLJ20843 fis, clone AD	12.9
459702				12.7
421110	AJ250717	Hs.1355	cathepsin E	12.6
407638	AJ04672	Hs.334483	hypothetical protein FLJ23571	12.6
423575	C18863	Hs.163443	Homo sapiens cDNA FLJ11576 fis, clone HE	12.5
423244	AL039379	Hs.209602	ESTs, Weakly similar to ubiquitous TPR m	12.2
427585	D31152	Hs.179729	collagen, type X, alpha 1 (Schmid metaph	12.1
436982	AB018305	Hs.5378	spondin 1, (spondin) extracellular mat	12.1
451561	N52812	Hs.177403	ESTs	12.0
424086	A1351010	Hs.102257	lysyl oxidase	12.0
435299	A1745458	Hs.122614	ESTs, Weakly similar to T20593 hypotheti	12.0
429496	AA453800	Hs.192793	ESTs	11.9

	432365	AK001106	Hs.274419	hypothetical protein FLJ10244	11.9
	403637				11.2
	436081	AI248584	Hs.190745	Homo sapiens cDNA: FLJ21326 fis, clone C	11.2
5	431385	BE178536	Hs.11090	membrane-spanning 4-domains, subfamily A	10.9
	421470	R27496	Hs.1378	annexin A3	10.8
	440209	H05049	Hs.22269	neurexin 3	10.8
	428927	AA441837	Hs.90250	ESTs	10.7
	448693	AW004854	Hs.228320	hypothetical protein FLJ23537	10.5
10	424717	H03754	Hs.152213	wingless-type MMTV integration site fami	10.4
	416402	NM_000715	Hs.1012	complement component 4-binding protein,	10.4
	446998	N99013	Hs.16762	Homo sapiens mRNA; cDNA DKFZp664B2062 (f	10.4
	442176	AA983764	Hs.128910	ESTs	10.4
	439606	W79123	Hs.58561	G protein-coupled receptor 87	10.3
15	452883	X80031	Hs.530	collagen, type IV, alpha 3 (Goodpasture	10.3
	417015	M83772	Hs.80876	flavin containing monooxygenase 3	10.3
	422022	AA302420	Hs.200442	ESTs	10.3
	447724	AW298375	Hs.24477	ESTs	10.2
	406671	AA129547	Hs.285764	met proto-oncogene (hepatocyte growth fa	10.0
20	458194	AW383618	Hs.265459	ESTs, Moderately similar to ALU2_HUMAN A	9.9
	446232	AI281848	Hs.194691	retinoic acid induced 3	9.9
	416208	AW291168	Hs.41295	ESTs, Weakly similar to MUC2_HUMAN MUCIN	9.9
	453382	AA709285	Hs.5997	hypothetical protein FLJ13078	9.8
	412372	R65998	Hs.285243	hypothetical protein FLJ22029	9.8
25	426830	AA385751	Hs.196379	ESTs, Weakly similar to putative p150 (H	9.8
	407568	AA740964	Hs.62699	ESTs	9.8
	414259	W44633	Hs.301295	Homo sapiens cDNA: FLJ23131 fis, clone L	9.6
	400289	X07820	Hs.2258	matrix metalloproteinase 10 (stromelysin	9.5
	441484	AA935481	Hs.58972	ESTs	9.5
30	422426	W79117	Hs.58559	ESTs	9.4
	406747	AI925153	Hs.217493	annexin A2	9.4
	450050	AI681268	Hs.267883	ESTs	9.4
	431337	N48107	Hs.292593	ESTs	9.3
	408427	AW194270	Hs.177238	ESTs	9.3
35	447048	AW393080	Hs.226320	hypothetical protein FLJ23537	9.3
	453636	R67837	Hs.169872	ESTs	9.3
	443450	N66045	Hs.133529	ESTs	9.2
	416735	N48769	Hs.44609	ESTs	9.2
	421160	AL080215	Hs.102301	Homo sapiens mRNA; cDNA DKFZp686J0323 (f	8.1
40	449802	AW901804	Hs.23984	hypothetical protein FLJ20147	9.1
	441233	AA972965	Hs.135568	ESTs	9.1
	459587	AA031956		gbzkl5e04.s1 Soares_pregnant_uterus_NbH	9.0
	436245	AW450963	Hs.119991	ESTs	9.0
	445189	AI936450	Hs.147482	ESTs	8.9
45	410781	AI375672	Hs.169028	ESTs	8.9
	446868	AV680737	Hs.135100	ESTs	8.8
	415817	U88987	Hs.78867	protein tyrosine phosphatase, receptor-t	8.8
	425664	AJ006276	Hs.159003	transient receptor potential channel 6	8.8
	414968	C16096	Hs.22826	tropomodulin 3 (ubiquitous)	8.8
50	410334	AW979261	Hs.291993	ESTs	8.8
	442510	AF150179	Hs.249890	ESTs	8.8
	408238	AL049990	Hs.51515	Homo sapiens mRNA; cDNA DKFZp554G112 (fr	8.7
	431089	BE041395	Hs.283676	ESTs, Weakly similar to unknown protein	8.7
	444929	AI685841	Hs.161354	ESTs	8.7
55	413802	AW954490	Hs.32241	ESTs, Weakly similar to S65657 alpha-1C-	8.6
	444218	AF070641	Hs.10684	Homo sapiens clone 24421 mRNA sequence	8.6
	412719	AW016610	Hs.128911	ESTs	8.6
	453445	AL036532	Hs.91453	ESTs	8.5
	419261	X07878	Hs.89791	wingless-type MMTV integration site fami	8.5
60	451110	AI955040	Hs.265398	ESTs, Weakly similar to transformation-r	8.5
	433815	AI696602	Hs.112757	ESTs	8.3
	432203	AA305746	Hs.49	macrophage scavenger receptor 1	8.3
	451103	R52804	Hs.25956	DKFZP564D205 protein	8.3
	426921	NM_007231	Hs.162211	solute carrier family 6 (neurotransmitte	8.3
65	424989	AA985520	Hs.23576	ESTs	8.3
	433231	AB040928	Hs.143562	KIAA1493 protein	8.2
	408217	AI433201	Hs.279860	tumor protein, translationally-controlled	8.1
	431808	AF186114	Hs.270737	tumor necrosis factor (ligand) superfam	8.1
	436751	AA732217	Hs.294054	ESTs	8.0
70	452891	N75582	Hs.212875	ESTs, Weakly similar to DYH9_HUMAN CILIA	8.0
	413048	M83221	Hs.75182	mannose receptor, C type 1	8.0
	426803	AA362568	Hs.179747	ecotropic viral integration site 5	7.9
	409718	D86640	Hs.56045	src homology three (SH3) and cysteine ri	7.8
	423424	AF150241	Hs.128433	prostaglandin D2 synthase, hematopoietic	7.8
75	425697	NM_003816	Hs.2442	a disintegrin and metalloproteinase doma	7.7
	421013	M62397	Hs.1345	mutated in colorectal cancers	7.7
	437479	R61866	Hs.101277	ESTs	7.6
	416778	M16505	Hs.79878	steroid sulfatase (microsomal), arylsulf	7.6
	421478	AI683243	Hs.97259	ESTs, Moderately similar to S29539 ribos	7.6
	444396	T65213	Hs.4257	ESTs	7.6
80	423629	AW021173	Hs.18812	Homo sapiens cDNA: FLJ21909 fis, clone H	7.6
	450715	AI266484	Hs.31570	ESTs, Weakly similar to KIAA1324 protein	7.6
	445495	BE622641	Hs.38489	ESTs, Weakly similar to 138022 hypothet	7.6
	446466	H38026	Hs.308	arrestin 3, retinal (X-arrestin)	7.6

	449108	AH140683	Hs.98328	hypothetical protein MGC13040	7.5
	422798	R92347	Hs.34574	ESTs, Weakly similar to ALU1_HUMAN ALU S	7.5
	416030	H15261	Hs.21948	ESTs	7.5
5	426486	BE176285	Hs.170056	Homo sapiens mRNA; cDNA DKFZp586B0220 (f	7.4
	424906	A1566086	Hs.153716	Homo sapiens mRNA for Hmob33 protein, 3'	7.4
	448206	BE822585	Hs.3731	ESTs, Moderately similar to I38022 hypot	7.3
	432133	AB033088	Hs.272567	KIAA1262 protein	7.3
	447112	H17800	Hs.7154	ESTs	7.3
10	446917	AL347863	Hs.156672	ESTs	7.3
	428227	AA321649	Hs.2248	small inducible cytokine subfamily B (Cy	7.3
	431761	AW002846	Hs.105468	hypothetical protein FLJ22690	7.3
	428743	AL080060	Hs.301549	Homo sapiens mRNA; cDNA DKFZp564H172 (fr	7.2
	413499	BE144894		gb:CMQ-HT0182-041099-065-e11 HT0182 Homo	7.2
15	423909	AJ223183	Hs.135194	immunoglobulin superfamily, member 6	7.2
	438122	A1620270	Hs.129837	ESTs, Weakly similar to Z263_HUMAN ZINC	7.2
	449611	AJ970394	Hs.197075	ESTs	7.2
	453616	NM_003462	Hs.33846	dynelin, axonemal, light intermediate pot	7.2
	410060	NM_001448	Hs.58387	glypican 4	7.2
20	442353	BE379594	Hs.48136	ESTs, Moderately similar to ALU7_HUMAN A	7.2
	452571	W31518	Hs.34665	ESTs	7.2
	453736	AL118674	Hs.34871	zinc finger homeobox 18	7.2
	408203	AA780473	Hs.687	cytochrome P450, subfamily IVB, polypept	7.2
	405494				7.2
25	442832	AW206560	Hs.253569	ESTs	7.1
	420193	AJ460080	Hs.202869	ESTs	7.1
	434217	AW014795	Hs.23349	ESTs	7.0
	427356	AW023482	Hs.97849	ESTs	7.0
30	436396	A1683487	Hs.152213	wingless-type MMTV integration site faml	6.9
	406308	AL033377	Hs.44197	hypothetical protein DKFZp564D0462	6.9
	442377	AA998807	Hs.167367	ESTs	6.9
	441143	AJ027804	Hs.159650	ESTs	6.9
	445122	AW241632	Hs.147377	hypothetical protein FLJ23598	6.9
	431353	AA828032	Hs.189076	ESTs	6.9
35	407510	U96191		gb:Human trophoblast hypoxia-regulated f	6.8
	426753	T89832	Hs.170278	ESTs	6.8
	445186	AW614544	Hs.123641	protein tyrosine phosphatase, receptor t	6.8
	451963	AJ825440	Hs.224952	ESTs	6.8
40	400298	AA032279	Hs.61635	six transmembrane epithelial antigen of	6.8
	433426	H69125	Hs.133525	ESTs	6.8
	434377	AW137148	Hs.306593	Homo sapiens cDNA FLJ11382 fis, clone HE	6.8
	415236	R41400		gb:yt94b12.s1 Soares infant brain 1 NIB H	6.8
	409031	AA376636	Hs.76728	ESTs	6.7
	427558	D49493	Hs.2171	growth differentiation factor 10	6.7
45	437259	AJ377755	Hs.120695	ESTs	6.7
	421962	AA300900	Hs.98849	ESTs, Moderately similar to AF161511 1 H	6.7
	447081	Y13896	Hs.17287	potassium inwardly-rectifying channel, s	6.7
	430099	AW194988	Hs.20537	hypothetical protein FLJ13942	6.7
	422475	AL359939	Hs.117313	Meis (mouse) homolog 3	6.7
50	413472	BE242870	Hs.75379	solute carrier family 1 (glial high affi	6.7
	424750	D29956	Hs.152818	ubiquitin specific protease 8	6.6
	403574				6.6
	439759	AL358055	Hs.67709	Homo sapiens mRNA full length insert cDN	6.6
	415025	AW207091	Hs.72307	ESTs	6.5
55	448104	AJ674818	Hs.316433	Homo sapiens cDNA FLJ11375 fis, clone HE	6.5
	444271	AW452569	Hs.149804	ESTs	6.5
	437157	BE048880	Hs.120655	ESTs	6.5
	444060	AW138295	Hs.135024	ESTs	6.5
60	414569	AF109298	Hs.118258	prostate cancer associated protein 1	6.5
	447505	AL049266	Hs.18724	Homo sapiens mRNA; cDNA DKFZp564F093 (fr	6.5
	424433	H04607	Hs.9218	ESTs	6.4
	407378	AA299264	Hs.57776	ESTs, Moderately similar to I38022 hypot	6.4
	445424	AB028946	Hs.12696	cortactin SH3 domain-binding protein	6.4
	422544	AB018259	Hs.118140	KIAA0716 gene product	6.4
65	449765	N92293	Hs.206832	ESTs, Moderately similar to ALU8_HUMAN A	6.3
	413930	M86153	Hs.75618	RAB11A, member RAS oncogene family	6.3
	417246	AJ760088	Hs.21411	ESTs	6.3
	453652	AW009640	Hs.28368	ESTs, Moderately similar to S65657 alpha	6.3
	411514	AW850178		gb:AL3-CT0219-271099-022-H12 CT0219 Homo	6.3
70	438909	AF085839		gb:Homo sapiens full length insert cDNA	6.3
	448002	AJ346468	Hs.145789	ESTs	6.3
	419236	AA330447	Hs.135159	Homo sapiens cDNA FLJ11481 fis, clone HE	6.3
	419150	T29618	Hs.89640	TEK tyrosine kinase, endothelial (venous	6.3
	424202	BE350295	Hs.15032	RAN binding protein 17	6.3
75	431723	AW058350	Hs.16762	Homo sapiens mRNA; cDNA DKFZp564B2062 (f	6.2
	415511	AJ732817	Hs.182362	ESTs	6.2
	430510	AW162916	Hs.241576	hypothetical protein PRO2577	6.2
	416879	H93899	Hs.42599	ESTs	6.2
	432803	AA565398		gb:nc41f01.s1 NCL CGAP_GC2 Homo sapiens	6.2
80	442862	BE080429	Hs.15738	ESTs	6.2
	435974	U29690	Hs.37744	Homo sapiens beta-1 adrenergic receptor	6.2
	441082	AW444804	Hs.202655	ESTs	6.2
	404599				6.1
	453931	AL121278	Hs.25144	ESTs	6.1

	420252	AW270404	Hs.193161	ESTs	6.1
	431622	AW979271	Hs.293184	ESTs	6.1
	456964	H59846	Hs.126355	ESTs, Moderately similar to ALU7_HUMAN A	6.1
5	415457	AW081710	Hs.7369	ESTs, Weakly similar to ALU1_HUMAN ALU S	6.0
	424693	BE169810	Hs.47557	ESTs	6.0
	419172	AW338625	Hs.22120	ESTs	6.0
	413384	NM_000401	Hs.75334	exostoses (multiple) 2	6.0
	453037	AA045175	Hs.177552	ESTs	6.0
10	444042	NM_004915	Hs.10237	ATP-binding cassette, sub-family G (WHIT	6.0
	431169	AW971240		gb:EST383329 MAGE resequences, MAGL Homo	6.0
	422352	AA765296	Hs.99200	ESTs	5.9
	433527	AW235613	Hs.133020	ESTs	5.9
	420077	AW512260	Hs.87767	ESTs	5.9
	429703	T93154	Hs.28705	ESTs	5.9
15	433098	AW190593	Hs.151143	ESTs	5.9
	451099	R52795	Hs.25954	interleukin 13 receptor, alpha 2	5.9
	449416	AI651016	Hs.246311	ESTs	5.9
	458023	AW958226	Hs.60798	ESTs	5.9
	450584	AA040403	Hs.60371	ESTs	5.9
20	427660	AI741320	Hs.114121	Homo sapiens cDNA: FLJ23228 fis, clone C	5.9
	429125	AA445854	Hs.271004	ESTs, Weakly similar to I38022 hypotheti	5.9
	450025	AK001875	Hs.24321	Homo sapiens cDNA FLJ12028 fis, clone HE	5.9
	433479	AW511459	Hs.249972	ESTs	5.8
	443113	AI040685	Hs.132908	ESTs	5.8
25	430414	AW365685	Hs.120368	ESTs	5.8
	419752	AA249573	Hs.152618	ESTs, Moderately similar to ZN91_HUMAN Z	5.8
	435420	AI928513	Hs.59203	ESTs	5.8
	404916				5.8
30	424310	AA338648	Hs.50334	testes development-related NYD-SP22	5.8
	448253	H25899	Hs.201591	ESTs	5.8
	430899	BE018217	Hs.183528	hypothetical protein FLJ14906	5.8
	446967	AI699629	Hs.156781	ESTs	5.8
	435082	AA664273	Hs.186104	Homo sapiens cDNA FLJ13803 fis, clone TH	5.7
	438942	AA827176	Hs.124316	ESTs	5.7
35	437250	AA747807	Hs.149500	ESTs	5.7
	410934	AW811114		gb:MR2-ST0131-111199-018-e04 ST0131 Homo	5.7
	428043	T92248	Hs.2240	uteroglobin	5.7
	408045	AW138959	Hs.245123	ESTs	5.7
40	450568	AL050078	Hs.25159	Homo sapiens cDNA FLJ10784 fis, clone NT	5.7
	428508	BE252383	Hs.184668	SBB31 protein	5.7
	453393	AW956392	Hs.110376	ESTs	5.6
	444805	AB007899	Hs.12017	homolog of yeast ubiquitin-protein ligase	5.6
	448921	AB012113	Hs.16530	small inducible cytokine subfamily A (Cy	5.6
	429784	M89796	Hs.30	membrane-spanning 4-domains, subfamily A	5.6
45	433225	AW816615	Hs.173540	ATPase, Class V, type 10D	5.6
	416675	W02414	Hs.38383	ESTs	5.5
	404043				5.5
	415094	D59513	Hs.330778	ESTs	5.5
50	453049	BE537217	Hs.30343	ESTs	5.5
	430153	AW968128	Hs.336679	ESTs	5.5
	410811	AW805687	Hs.300848	ESTs	5.5
	443903	AI220547	Hs.135223	ESTs	5.5
	428420	AK001679	Hs.202289	hypothetical protein DKFZp434P1735	5.5
55	444471	AB020684	Hs.11217	KIAA0877 protein	5.5
	452542	AW812256		gb:RCO-ST0174-191099-031-a07 ST0174 Homo	5.5
	434088	AF116677	Hs.249270	hypothetical protein PRO1966	5.5
	432113	AA936065	Hs.152385	ESTs	5.5
	446808	N75217	Hs.257846	ESTs	5.5
60	418945	AW290975	Hs.118923	ESTs	5.5
	454024	AA993627	Hs.293907	hypothetical protein FLJ23403	5.4
	420209	AA256444	Hs.126485	hypothetical protein FLJ12604; KIAA1692	5.4
	439382	BE247684	Hs.103070	ESTs	5.4
	428895	AA437124	Hs.187247	ESTs	5.4
65	445577	AB040933	Hs.15420	KIAA1500 protein	5.4
	419247	S85791	Hs.89784	fragile X mental retardation 1	5.4
	427778	AA112323	Hs.105323	ESTs	5.4
	437138	AI935622	Hs.271245	ESTs	5.4
	431322	AW970622		gb:EST382704 MAGE resequences, MAGK Homo	5.4
70	430437	AI768801	Hs.169943	Homo sapiens cDNA FLJ13569 fis, clone PL	5.4
	435202	AI971313	Hs.170204	KIAA0551 protein	5.4
	415076	NM_000857	Hs.77890	guanylate cyclase 1, soluble, beta 3	5.3
	434892	AA659501	Hs.283358	ESTs	5.3
	454039	AW079064	Hs.245540	ESTs	5.3
75	456408	AI288348	Hs.23450	mitochondrial ribosomal protein S25	5.3
	408554				5.3
	426269	H15302	Hs.168950	Homo sapiens mRNA; cDNA DKFZp566A1048 (f	5.3
	416769	AI399257	Hs.115436	ESTs, Moderately similar to I54374 gene	5.3
	414299	AA142989	Hs.71730	ESTs	5.3
80	420362	U79734	Hs.97206	huntingtin interacting protein 1	5.3
	459664				5.3
	425509	AF079363	Hs.158213	sperm associated antigen 6	5.3
	401497				5.3
	440727	AI073991	Hs.134268	ESTs, Weakly similar to 2109260A B cell	5.2

5	428434	AW363590	Hs.65551	Homo sapiens, Similar to DNA segment, Ch	5.2
	408776	AA057365	Hs.63366	ESTs, Weakly similar to I38022 hypothetical	5.2
	419991	AJ000098	Hs.94210	eyes absent (Drosophila) homolog 1	5.2
	451050	AW937420	Hs.69662	ESTs	5.2
	400297	AI127076	Hs.334473	hypothetical protein DKFZp56401278	5.2
10	404957				5.2
	452771	T05477	Hs.333265	ESTs	5.2
	438885	AI086558	Hs.184987	ESTs	5.2
	428244	AI564123	Hs.42500	ADP-ribosylation factor-like 5	5.2
	420481	U50525	Hs.08201	Human BRCA2 region, mRNA sequence CG029	5.2
15	455047	AW852530		gb:PM1-CT0243-071099-001-g06 CT0243 Homo	5.2
	408729	AA195764	Hs.72639	ESTs	5.1
	457100	AA417878	Hs.48401	ESTs, Moderately similar to ALU8_HUMAN A	5.1
	426342	AF093419	Hs.169376	multiple PDZ domain protein	5.1
	417154	AI874701	Hs.21388	ESTs	5.1
20	411869	W20027	Hs.23439	ESTs	5.1
	427043	AA397679	Hs.3991	ESTs	5.1
	445635	AI769774	Hs.209831	ESTs, Weakly similar to ALU1_HUMAN ALU S	5.1
	422973	BE567665	Hs.286550	Homo sapiens cDNA: FLJ23158 fis, clone L	5.1
	422083	BE156476		gb:QV0-HT0368-040100-082-c05 HT0368 Homo	5.1
25	448299	AA497044	Hs.20887	hypothetical protein FLJ110392	5.1
	408677	AI279892	Hs.46801	sorting nexin 14	5.0
	404097				5.0
	437636	AA764781	Hs.291844	ESTs	5.0
	452822	X85689	Hs.288617	hypothetical protein FLJ22621	5.0
30	410733	D84284	Hs.66052	CD38 antigen (p45)	5.0
	439140	W85737	Hs.290830	ESTs	5.0
	407366	AF026942		gb:Homo sapiens c1g33 mRNA, partial sequ	5.0
	405547				5.0
	423377	AL049377		gb:Homo sapiens mRNA; cDNA DKFZp586H0718	5.0
35	449168	NM_016206	Hs.23142	colon carcinoma related protein	5.0
	455431	AW938454		gb:CM0-DT0057-260200-253-d06 DT0057 Homo	5.0
	452281	T93500	Hs.28792	Homo sapiens cDNA FLJ11041 fis, clone PL	5.0
	411149	N88715	Hs.269128	ESTs	5.0
	432441	AW292425	Hs.163484	ESTs	5.0
40	419807	R77402		gb:y75f11.s1 Soares placenta Nb2HP Homo	5.0
	440615	AI733055	Hs.130806	ESTs	5.0
	450109	AI539295	Hs.115740	KIAA0210 gene product	5.0
	449895	AA164569	Hs.34560	ESTs	5.0
	421764	AI681535	Hs.148135	serine/threonine kinase 33	4.9
45	404593				4.9
	423607	AA328329	Hs.6591	ESTs	4.9
	432009	AL137424	Hs.306458	Homo sapiens mRNA; cDNA DKFZp761G2123 (f	4.9
	419235	AW470411	Hs.288433	neurotrophin	4.9
	436304	AA339622	Hs.108887	ESTs	4.9
50	434613	AI821826		gb:ms92b10.x5 NCL CGAP_P3 Homo sapiens	4.9
	421502	AF111856	Hs.105039	solute carrier family 34 (sodium phospho	4.9
	416245	N59650	Hs.27252	ESTs	4.9
	428780	AI478578	Hs.50836	ESTs	4.9
	406333				4.9
55	445034	AW293376	Hs.143659	ESTs	4.8
	440202	AW516211	Hs.125300	ring finger protein 21, interferon-respo	4.8
	424538	AI472106	Hs.48303	Homo sapiens cDNA FLJ11663 fis, clone HE	4.8
	451497	H83294	Hs.284122	Wnt inhibitory factor-1	4.8
	427652	AI673025	Hs.43874	ESTs, Moderately similar to I54374 gene	4.8
60	458722	AA741545	Hs.282832	ESTs, Weakly similar to T24961 hypotheti	4.8
	407327	AA487182	Hs.269414	ESTs, Weakly similar to Z195_HUMAN ZINC	4.8
	411018	AW813428		gb:MR3-ST0192-010200-210-c05 ST0192 Homo	4.8
	415261	T40928	Hs.8346	ESTs	4.8
	453543	AA485425	Hs.48919	Homo sapiens cDNA FLJ11508 fis, clone HE	4.8
65	438014	N71183	Hs.121806	Homo sapiens cDNA FLJ11971 fis, clone HE	4.8
	407829	AA045084	Hs.29725	hypothetical protein FLJ13197	4.8
	441006	AW605267	Hs.7627	CGI-60 protein	4.8
	412222	AA528283	Hs.292737	ESTs	4.8
	424115	AA335497	Hs.293965	ESTs, Weakly similar to I38022 hypotheti	4.8
70	453197	AI916269	Hs.109057	ESTs, Weakly similar to ALU5_HUMAN ALU S	4.8
	439398	AA284267	Hs.221504	ESTs	4.8
	436397	AA715013	Hs.169835	ESTs	4.8
	427535	R29543	Hs.2164	pro-platelet basic protein (includes pla	4.8
	410901	AW810001		gb:MR4-ST0124-270300-005-b11 ST0124 Homo	4.8
75	425916	NM_006788	Hs.162200	urotensin 2	4.8
	447020	T27308	Hs.16986	hypothetical protein FLJ11046	4.8
	427457	AW779105	Hs.164682	ESTs	4.7
	451620	AW449888	Hs.257224	ESTs	4.7
	408938	AA059013	Hs.22607	ESTs	4.7
80	420036	R80336	Hs.52792	Homo sapiens mRNA; cDNA DKFZp5861823 (f	4.7
	424508	AL080103	Hs.149770	Homo sapiens cDNA FLJ13658 fis, clone PL	4.7
	430945	AK000282	Hs.239681	hypothetical protein FLJ20275	4.7
	427669	AW451832	Hs.255938	ESTs, Moderately similar to KIAA1200 pro	4.7
	417181	L10123	Hs.1071	surfactant protein A binding protein	4.7
	435347	AW014873	Hs.116963	ESTs	4.7
	425458	H89317	Hs.182889	ESTs	4.7
	432869	AW874094		gb:EST386197 MACE resequences, MAGM Homo	4.7

	436594	AI419982	Hs.156189	ESTs	4.7
	421237	U25029	Hs.102761	Human glucocorticoid receptor alpha mRNA	4.7
	432731	R31178	Hs.287820	fibronectin 1	4.7
5	419750	AL079741	Hs.183114	Homo sapiens cDNA FLJ14236 fis, clone NT	4.7
	426320	W47595	Hs.169300	transforming growth factor, beta 2	4.7
	419751	AW195581	Hs.93121	KIAA0781 protein	4.6
	435515	AA595800	Hs.190246	ESTs	4.6
	451381	BE241831	Hs.172330	hypothetical protein MGC2705	4.6
10	452784	BE463857	Hs.151258	hypothetical protein FLJ21062	4.6
	438297	AW515196	Hs.258238	ESTs, Moderately similar to ALU1_HUMAN A	4.6
	406992	S82472		gb:beta-pol-DNA polymerase beta (exon a	4.6
	431291	N25521	Hs.25275	Kruppel-type zinc finger protein	4.6
	435933	AA805520	Hs.192075	ESTs	4.6
15	447997	H00656	Hs.29792	ESTs, Weakly similar to I38022 hypotheti	4.6
	445657	AW512141	Hs.279575	Homo sapiens G-protein coupled receptor	4.6
	426985	BE394849	Hs.131905	ESTs, Moderately similar to Z195_HUMAN Z	4.6
	447700	AI420183	Hs.171077	ESTs, Weakly similar to T21259 hypotheti	4.6
	423735	AA330259		gb:EST33963 Embryo, 12 week II Homo sapi	4.6
20	424144	AA454033	Hs.41644	AKAP-associated sperm protein	4.6
	416258	N45661	Hs.90011	adenylosuccinate synthase	4.6
	410011	AB020641	Hs.57856	PFTAIRE protein kinase 1	4.6
	454359	N71277		gb:z36e03.s1 Soares fetal liver spleen	4.5
25	422977	AA631498		gb:np83h04.s1 NCL_CGAP_Thy1 Homo sapiens	4.5
	433485	AH93076	Hs.201987	aldo-keto reductase family 1, member C2	4.5
	450192	AA263143	Hs.24596	RAD51-interacting protein	4.5
	432015	AL157504	Hs.159115	Homo sapiens mRNA; cDNA DKFZp586O0724 (f	4.5
	407266	AJ235664		gb:Homo sapiens mRNA for immunoglobulin	4.5
	409041	AB033025	Hs.50081	KIAA1199 protein	4.5
30	434265	AA846811	Hs.130554	Homo sapiens cDNA: FLJ23089 fis, clone L	4.5
	452526	W38537	Hs.280740	hypothetical protein MGC3040	4.5
	403271				4.5
	450656	AA010539	Hs.18912	ESTs	4.5
	446066	AI276454		gb:q71a12x1 Soares_NhHMPu_S1 Homo sapi	4.5
35	454036	AA374756	Hs.93560	Homo sapiens mRNA for KIAA1771 protein,	4.5
	437960	AI669586	Hs.222194	ESTs	4.5
	440862	H39048	Hs.127432	ESTs	4.5
	410615	AW772721		gb:h95c01.x1 NCL_CGAP_Thy8 Homo sapiens	4.5
40	413583	AL120805	Hs.5688	ESTs	4.5
	419449	H18417	Hs.57483	Homo sapiens cDNA FLJ14294 fis, clone PL	4.5
	442324	R63578	Hs.28426	ESTs	4.4
	453080	AI423056	Hs.23921	hypothetical protein DKFZp547A023	4.4
	435747	AJ079519	Hs.134398	ESTs	4.4
	446509	AF169693	Hs.132892	protocadherin 20	4.4
45	448030	N30714	Hs.325960	membrane-spanning 4-domains, subfamily A	4.4
	414996	NM_002543	Hs.77729	oxidised low density lipoprotein (lectin	4.4
	448089	AI467945	Hs.173596	ESTs	4.4
	434367	AB020700	Hs.3830	KIAA0893 protein	4.4
	434757	AI038997	Hs.132821	ESTs	4.4
50	413453	AA129840	Hs.128055	ESTs	4.4
	454438	AA224053	Hs.172405	cell division cycle 27	4.4
	458154	AW816379	Hs.335018	ESTs	4.4
	430417	AA461045	Hs.50701	ESTs	4.4
	434819	AA650099	Hs.291541	ESTs, Weakly similar to ALUB_HUMAN IIII	4.4
55	438796	W67821	Hs.109590	genethonin 1	4.4
	415451	H19415	Hs.268720	ESTs, Moderately similar to ALU1_HUMAN A	4.4
	420931	AF044197	Hs.100431	small inducible cytokine B subfamily (Cy	4.4
	414812	X72755	Hs.77367	monokine induced by gamma interferon	4.4
	451895	T93573	Hs.16970	ESTs	4.4
60	435434	AA690387	Hs.187850	ESTs	4.4
	449623	CC0719	Hs.120440	EST	4.4
	433563	AI732837	Hs.277901	ESTs	4.3
	444649	AW207523	Hs.197628	ESTs	4.3
	441594	AL041080	Hs.208765	ESTs, Moderately similar to ALU7_HUMAN A	4.3
65	443314	AW771701	Hs.54645	ESTs	4.3
	400292	AA250737	Hs.72472	ESTs	4.3
	427972	AA864870	Hs.181304	putative gene product	4.3
	446932	AA561459	Hs.125644	ESTs	4.3
	445640	AW969626	Hs.31704	ESTs, Weakly similar to KIAA0227 (H.sapi	4.3
70	452393	H87388	Hs.99858	ribosomal protein L7a	4.3
	443204	AW205878	Hs.29843	Homo sapiens cDNA FLJ13103 fis, clone NT	4.3
	400608				4.3
	411156	AW819939	Hs.273629	ESTs	4.3
	435772	AA700019	Hs.132992	ATP-binding cassette, sub-family G (WHIT	4.3
75	439830	AA846886	Hs.151489	ESTs, Weakly similar to XE7_HUMAN PROTEI	4.3
	455511	BE144762		gb:CM0-HT0180-041089-065-b04 HT0180 Homo	4.3
	443257	AI334040	Hs.11614	HSPC065 protein	4.3
	436033	H75391	Hs.255748	ESTs	4.3
	420214	AI146375	Hs.286073	ESTs, Moderately similar to ALU5_HUMAN A	4.3
80	410519	AW812284	Hs.131705	ESTs	4.3
	401189				4.3
	418852	BE537037	Hs.273294	hypothetical protein FLJ20059	4.3
	425733	F13287	Hs.158388	Homo sapiens clone 23578 mRNA sequence	4.3
	447863	AL047611	Hs.288885	Homo sapiens cDNA FLJ14246 fis, clone OV	4.3

	409435	AJ810721	Hs.95424	ESTs	2.8
	442191	W95186	Hs.8136	endothelial PAS domain protein 1	2.8
	407305	AA715284		gb:nv35f03.r1 NCI_CGAP_Bx5 Homo sapiens	2.8
5	444381	BE387335	Hs.283713	ESTs, Weakly similar to S64054 hypothel	2.8
	412189	R50982	Hs.22581	ESTs	2.8
	420976	A1924940	Hs.108082	ESTs, Weakly similar to T31636 hypothel	2.8
	448330	AL036449	Hs.207163	ESTs	2.8
10	418912	NM_000685	Hs.89472	angiotensin receptor 1	2.8
	422505	AL120862	Hs.124165	ESTs	2.8
	427752	AA470687	Hs.104772	ESTs	2.8
	433513	A1566356	Hs.171437	ESTs	2.8
	433703	AA210863	Hs.3532	nemo-like kinase	2.8
	448912	D83781	Hs.22559	KIAA0197 protein	2.8
	405621				2.8
15	430687	BE274217	Hs.249247	heterogeneous nuclear protein similar to	2.8
	450400	A1694722	Hs.279744	ESTs	2.8
	456844	A1264155	Hs.152981	CDP-diacylglycerol synthase (phosphatida	2.8
	418342	BE002723	Hs.226627	leptin receptor	2.8
20	420756	AA411800	Hs.189900	ESTs	2.8
	423532	BE080503		gb:RC8-BT0717-110400-011-F11 BT0717 Homo	2.8
	440320	AA879294		gb:nv46e09.s1 NCI_CGAP_Pv12 Homo sapiens	2.8
	457314	AA478587	Hs.193689	hypothetical protein DKFZp586J1119	2.8
	439831	AW136488	Hs.25545	ESTs	2.8
25	425661	AL133627	Hs.158923	Homo sapiens mRNA; cDNA DKFZp434K0722 (f	2.8
	407949	W21874	Hs.247057	ESTs, Weakly similar to 2109260A B cell	2.8
	418658	AW874263	Hs.32488	ESTs	2.8
	409978	D31897	Hs.57714	double C2-like domains, alpha	2.8
	421340	F07783	Hs.1369	decay accelerating factor for complement	2.8
30	449071	NM_005872	Hs.22990	breast carcinoma amplified sequence 2	2.8
	409241	AF070602	Hs.51649	Homo sapiens clone 24504 mRNA sequence	2.8
	448219	AA228092	Hs.42656	KIAA1681 protein	2.8
	408936	AL138043	Hs.293549	ESTs	2.8
	410784	AW803201		gb:IL2-UM0077-070500-080-ED6 UM0077 Homo	2.8
35	426471	M22440	Hs.170009	transforming growth factor, alpha	2.8
	454456	AW752710		gb:IL3-CT0219-281099-024-A03 CT0219 Homo	2.8
	455310	AW893961		gb:RC4-NN0027-060400-011-d11 NN0027 Homo	2.8
	401335				2.7
	436577	W84774	Hs.17643	ESTs	2.7
40	409519	AA075368		gb:zm86h10.r1 Stratagene ovarian cancer	2.7
	421003	T72080	Hs.95667	F-box protein 30	2.7
	429593	AK000332	Hs.209927	Homo sapiens cDNA FLJ20325 fis, clone HE	2.7
	450434	AA166850	Hs.195870	hypothetical protein FLJ14991	2.7
	436007	AJ247716	Hs.232168	ESTs	2.7
45	408874	AW818091	Hs.252730	ESTs	2.7
	418038	Z37976	Hs.83337	latent transforming growth factor beta b	2.7
	435626	H50654	Hs.113999	ESTs	2.7
	435766	R11673	Hs.188498	ESTs	2.7
	410327	T33130	Hs.301746	RAP2A, member of RAS oncogene family	2.7
50	416805	F13271	Hs.79981	Human clone 23560 mRNA sequence	2.7
	417177	NM_004458	Hs.81452	fatty-acid-Coenzyme A ligase, long-chain	2.7
	423020	AA383092	Hs.1608	replication protein A3 (14kD)	2.7
	427134	AA398409	Hs.173561	EST	2.7
	428137	AA421792	Hs.170999	ESTs	2.7
55	429710	AJ337113	Hs.146025	hypothetical protein FLJ23594	2.7
	430844	T94960		gb:ye38d07.r1 Stratagene lung (937210) H	2.7
	417576	AA339449	Hs.82285	phosphoribosylglycinamide formyltransfer	2.7
	441928	AJ370188	Hs.211454	ESTs	2.7
	409721	AW887732	Hs.257861	ESTs	2.7
60	427112	Z32887	Hs.280951	ESTs	2.7
	403776				2.7
	420159	AJ572490	Hs.99785	Homo sapiens cDNA: FLJ21245 fis, clone C	2.7
	427639	AA608823	Hs.98244	ESTs	2.7
	432837	AA310693	Hs.87329	HSPC072 protein	2.7
65	438782	AA828380	Hs.128733	ESTs	2.7
	449396	BE169100	Hs.195029	ESTs	2.7
	458043	AW979009	Hs.326108	ESTs	2.7
	438171	AW976507	Hs.293516	ESTs	2.7
	452959	AJ333416	Hs.189874	ESTs	2.7
70	439556	AJ623752	Hs.163603	ESTs	2.7
	446152	AJ292086	Hs.150028	ESTs	2.7
	434803	AW974640	Hs.303413	ESTs	2.7
	407771	AL138272	Hs.62713	ESTs	2.7
	411069	AL133092	Hs.68055	hypothetical protein DKFZp434I0428	2.7
75	417543	AA203620	Hs.110153	ESTs	2.7
	401517				2.7
	403677				2.7
	416337	H48713		gb:yg78d02.r1 Soares fetal liver spleen	2.7
80	423401	NM_001992	Hs.128087	coagulation factor II (thrombin) recepto	2.7
	446800	AJ341635	Hs.156486	ESTs	2.7
	457906	AW975939	Hs.153290	Homo sapiens cDNA FLJ14318 fis, clone PL	2.7
	452277	AL049013	Hs.28783	KIAA1223 protein	2.7
	416913	AW934714		gb:RC1-DT0001-031299-011-a11 DT0001 Homo	2.7
	416370	N90470	Hs.203697	ESTs, Weakly similar to 138022 hypotheli	2.7

	447207	AA442233	Hs.17731	hypothetical protein FLJ12892	4.0
	451353	N21043	Hs.42932	ESTs	4.0
	437075	AA743748	Hs.40758	ESTs	3.9
	410505	AW752139	Hs.314323	ESTs	3.9
5	449746	AI689594	Hs.176588	ESTs, Weakly similar to CP4Y_HUMAN CYTOC	3.9
	426116	AA868729	Hs.144694	ESTs	3.9
	415716	N59294	Hs.179662	nucleosome assembly protein 1-like 1	3.9
	436298	AW293496	Hs.180138	ESTs	3.9
10	417718	T86540	Hs.193981	ESTs	3.9
	436772	AW975688	Hs.74170	metallothionein 1E (functional)	3.9
	401045				3.9
	408767	AA057279	Hs.211928	ESTs	3.9
	407303	AA016295	Hs.165200	ESTs, Weakly similar to A56194 thromboxa	3.9
15	432583	AW023624	Hs.162282	potassium channel TASK-4; potassium chan	3.9
	451623	H77818	Hs.268991	ESTs	3.9
	450063	AI681509	Hs.277133	ESTs	3.9
	418734	H81213	Hs.14825	ESTs, Weakly similar to KIAA1503 protein	3.9
	419276	BE165909	Hs.306881	MSTP043 protein	3.9
20	433132	AB026264	Hs.284245	hypothetical protein IMPACT	3.9
	436149	AI754308	Hs.159452	ESTs	3.9
	422867	H25642	Hs.133471	ESTs	3.9
	443486	NM_003428	Hs.9450	zinc finger protein 84 (HPF2)	3.9
	458219	H22195	Hs.31874	ESTs	3.9
25	443613	AI079356		gb:oz39b09.s1 Soares_NhiHMPu_S1 Homo sapi	3.9
	439810	AL109710	Hs.85668	EST	3.9
	438578	AI091435	Hs.134858	ESTs	3.9
	415598	AI433165	Hs.9856	ESTs	3.9
	425087	R62424	Hs.126059	ESTs	3.9
30	454111	AW081681	Hs.269064	ESTs, Weakly similar to T42689 hypotheti	3.9
	409719	AI769160	Hs.108681	Homo sapiens brain tumor associated prot	3.9
	452465	N84635	Hs.29864	hypothetical protein DKFZp564B052	3.9
	424962	NM_012288	Hs.153954	TRAM-like protein	3.9
	435823	R07856	Hs.16355	ESTs	3.9
35	440533	AI140686	Hs.263320	ESTs	3.9
	429334	D63078	Hs.188180	Homo sapiens cDNA: FLJ23038 fis, clone L	3.9
	444743	AA045648	Hs.301957	nudix (nucleoside diphosphate linked moi	3.9
	430039	BE253012	Hs.153400	ESTs, Weakly similar to ALU1_HUMAN ALU S	3.9
	417461	R38403	Hs.13305	ESTs	3.9
40	424051	AL110203	Hs.138411	Homo sapiens mRNA; cDNA DKFZp588J1922 (I	3.8
	419140	AI982847	Hs.215725	ESTs	3.8
	415552	T79213	Hs.272073	ESTs	3.8
	430140	AW296771	Hs.221999	ESTs	3.8
	446896	T15767	Hs.22452	Homo sapiens mRNA for KIAA1737 protein,	3.8
45	422165	AL041199	Hs.1481	histidine decarboxylase	3.8
	417706	T90797	Hs.268623	ESTs	3.8
	424296	AI631874	Hs.155140	casein kinase 2, alpha 1 polypeptide	3.8
	450522	AI698839		gb:wd31f02.x1 Soares_NFL_T_GBC_S1 Homo s	3.8
	446619	AU076643	Hs.313	secreted phosphoprotein 1 (osteopontin,	3.8
50	449729	R72032	Hs.29235	ESTs	3.8
	414700	H63202	Hs.38163	ESTs	3.8
	440899	AW449445	Hs.120021	DKFZP434I092 protein	3.8
	439335	AA742697	Hs.62492	ESTs, Weakly similar to B39068 proline-r	3.8
	408625	AW243323	Hs.266785	ESTs	3.8
55	421987	AI139161	Hs.286131	CGI-101 protein	3.8
	418915	AI474778	Hs.118977	ESTs	3.8
	410224	M55613	Hs.150208	potassium voltage-gated channel, shaker-	3.8
	429846	AB023021	Hs.225945	fucosyltransferase 9 (alpha (1,3) fucosy	3.8
	442849	R10099	Hs.269805	ESTs	3.8
60	427191	BE221825	Hs.97691	ESTs	3.8
	407942	AA378608	Hs.5894	hypothetical protein FLJ10305	3.8
	437030	AA742577	Hs.303781	EST	3.8
	427940	AA417812	Hs.38775	ESTs	3.7
	443054	AI745185	Hs.8939	yes-associated protein 65 kDa	3.7
65	449679	AI823951	Hs.129700	toll-like 1	3.7
	425937	NM_013240	Hs.163846	putative N6-DNA-methyltransferase	3.7
	458563	AV658444	Hs.280776	tankyrase, TRF1-interacting ankyrin-rela	3.7
	458443	AW967500	Hs.133643	ESTs	3.7
	439957	AI453184	Hs.66357	ESTs	3.7
70	446999	AA151920	Hs.334822	hypothetical protein MGC4485	3.7
	428414	AL049880	Hs.184216	DKFZP564C152 protein	3.7
	455170	AW860972		gb:QV0-CT0387-180300-167-h07 CT0387 Homo	3.7
	418379	AA218940	Hs.137516	fidgellin-like 1	3.7
	419720	AA249131	Hs.337778	hypothetical protein FLJ11068	3.7
75	443584	AI807036	Hs.267245	hypothetical protein FLJ14803	3.7
	416185	AW975881	Hs.47357	KIAA1785 protein	3.7
	417235	AA810276	Hs.24250	ESTs	3.7
	441720	AI346487	Hs.28739	ESTs	3.7
	451421	W16522	Hs.237689	Homo sapiens cDNA FLJ13539 fis, clone PL	3.7
80	417355	D13168	Hs.82002	endothelin receptor type B	3.7
	449321	AA091150	Hs.132937	ESTs	3.7
	424808	AA362523	Hs.105689	MSTP031 protein	3.7
	452338	AW608620	Hs.29159	zinc finger protein 75 (D8C6)	3.7
	409248	AB033035	Hs.51965	KIAA1209 protein	3.7



5	421037	AI684808	Hs.197653	ESTs	3.7
	427088	AA398085	Hs.142390	ESTs	3.7
	420637	AW976153		gb:EST388262 MAGE resequences, MAGN Homo	3.7
	420026	AI831190	Hs.166676	ESTs	3.7
	429419	AB023226	Hs.202276	KIAA1009 protein	3.7
10	447410	AI470235	Hs.172698	EST	3.7
	404274				3.7
	416320	H47857	Hs.34024	ESTs	3.7
	412642	BE244598	Hs.809	hepatocyte growth factor (hepatopoietin A;	3.7
	431716	D89053	Hs.288012	fatty-acid-Coenzyme A ligase, long-chain	3.7
15	446025	AW305075	Hs.180948	KIAA0729 protein	3.7
	450458	AA009926		gb:z07e05.r1 Soares_fetal_liver_spleen_	3.6
	423099	NM_002837	Hs.123641	protein tyrosine phosphatase, receptor t	3.6
	438257	AW474419	Hs.224794	ESTs	3.6
	440887	AI799488	Hs.135905	ESTs	3.6
20	454593	AW813428		gb:MR3-ST0192-010200-210-c05 ST0192 Homo	3.6
	432189	AA527941		gb:nh30c04.s1 NCL CGAP_Pr3 Homo sapiens	3.6
	408687	AL110280	Hs.301152	Homo sapiens mRNA; cDNA DKFZp434F053 (fr	3.6
	407726	AA435879	Hs.88594	ESTs	3.6
	438026	AI349764	Hs.217081	ESTs	3.6
25	448776	BE302464	Hs.30057	MRS2 (S. cerevisiae)-like, magnesium hom	3.6
	452293	AI871833	Hs.304609	ESTs	3.6
	428330	L22524	Hs.2255	matrix metalloproteinase 7 (matrilysin,	3.6
	443268	AI800271	Hs.129445	hypothetical protein FLJ12496	3.6
	429208	AA447990	Hs.190478	ESTs	3.6
30	458429	AV846559	Hs.12346	Homo sapiens cDNA: FLJ21399 fis, clone C	3.6
	404476				3.6
	405848				3.6
	438209	AL120659	Hs.6111	aryl-hydrocarbon receptor nuclear transi	3.6
	403937				3.6
35	437918	AI761449	Hs.121629	ESTs	3.6
	432408	N39127	Hs.332557	ESTs, Weakly similar to A46010 X-linked	3.6
	437841	AA811452	Hs.291911	ESTs	3.6
	439635	AA477288	Hs.94891	hypothetical protein FLJ22729	3.6
	446102	AW168067	Hs.252956	ESTs	3.6
40	418384	AW149266	Hs.25130	Homo sapiens cDNA FLJ14923 fis, clone PL	3.6
	425403	AL023753	Hs.156406	Human DNA sequence from clone 1198H6 on	3.6
	432030	AI908400	Hs.143789	ESTs	3.6
	446453	AV658469	Hs.188546	ESTs, Weakly similar to ALU1_HUMAN ALU S	3.6
	452055	AI377431	Hs.141693	hypothetical protein MGC10858	3.5
45	440801	AA906366	Hs.190535	ESTs	3.6
	432779	AW979241		gb:EST391351 MAGE resequences, MAGP Homo	3.6
	440886	AW511032	Hs.190516	ESTs	3.6
	401049				3.6
	449424	AW448937	Hs.197030	ESTs	3.6
50	418076	R61388	Hs.8724	ESTs	3.6
	423035	AW449579	Hs.156739	H.sapiens XG mRNA (clone PEP11)	3.6
	435463	AA682507		gb:z18f08.s1 Soares_fetal_liver_spleen_	3.6
	438016	AI949638	Hs.336846	EST	3.6
	455201	AW947884		gb:PM1-MT0010-200300-001-g08 MT0010 Homo	3.5
55	433293	AF007835	Hs.32417	hypothetical protein MGC4309	3.5
	455538	AW135986	Hs.257859	ESTs	3.5
	428679	AA431765		gb:zw80c03.s1 Soares_testis_NHT Homo sap	3.5
	414400	X06948	Hs.897	Fe fragment of IgE, high affinity I, rec	3.5
	435344	AA700326	Hs.190599	ESTs	3.5
60	445056	AB014530	Hs.12259	KIAA0630 protein	3.5
	449444	AW818436	Hs.23590	solute carrier family 16 (monocarboxylic	3.5
	442652	AI005163	Hs.201378	ESTs, Weakly similar to T12545 hypotheti	3.5
	423121	AW864848		gb:PM2-SN0018-290300-003-c09 SN0018 Homo	3.5
	449540	AA001713		gb:zh86e08.s1 Soares_fetal_liver_spleen_	3.5
65	425734	AF056209	Hs.159386	peptidylglycine alpha-amidating monooxyg	3.5
	428409	AW117207	Hs.98523	ESTs	3.5
	431087	H12723	Hs.290791	ESTs	3.5
	426920	AA393351	Hs.132121	ESTs	3.5
	427687	AW003857	Hs.1570	histamine receptor H1	3.5
70	437583	AA761190	Hs.244627	ESTs	3.5
	421599	AA293655	Hs.97293	ESTs	3.5
	433687	AA743991		gb:ny57g01.s1 NCL CGAP_Pr18 Homo sapiens	3.5
	421863	AI952577	Hs.108972	Homo sapiens mRNA; cDNA DKFZp434P228 (fr	3.5
	430499	AW969408	Hs.231991	ESTs	3.5
75	451531	AA018311	Hs.114762	ESTs	3.5
	457620	AA602711	Hs.336753	EST	3.5
	410658	AW105231	Hs.192035	ESTs	3.5
	427865	AA416931	Hs.126065	ESTs	3.5
	453390	AA862496	Hs.28482	ESTs	3.5
80	419983	W59856	Hs.94030	Homo sapiens mRNA; cDNA DKFZp586E1624 (f	3.5
	454600	AW810001		gb:MR4-ST0124-270300-005-b11 ST0124 Homo	3.5
	427718	AI798680	Hs.25933	ESTs	3.5
	416548	H62953		gb:yr47f05.r1 Soares fetal liver spleen	3.5
	420381	D60640	Hs.337616	phosphodiesterase 3B, cGMP-inhibited	3.5
	410908	AA121686	Hs.10592	ESTs	3.5
	442080	AW444761	Hs.44565	ESTs	3.5
	406685	M18728		gb:human nonspecific crossreacting antig	3.5

	404200				3.5
	417976	BE565892	Hs.83077	interleukin 18 (Interferon-gamma-inducin	3.5
	433285	AW976944	Hs.237396	ESTs	3.5
	432868	AW974093	Hs.292775	ESTs	3.5
5	433492	AW605849		gb:MR0-HT0241-200100-006-g02 HT0241 Homo	3.5
	410252	AW821182	Hs.61418	microfibrillar-associated protein 1	3.4
	428804	AK000713	Hs.193736	hypothetical protein FLJ20706	3.4
	428775	AA434579	Hs.143691	ESTs	3.4
10	410004	AI298027	Hs.5057	carboxypeptidase D	3.4
	422093	AF161852	Hs.111449	CGI-94 protein	3.4
	441736	AW292779	Hs.169799	ESTs	3.4
	423017	AW178761	Hs.227948	serine (or cysteine) proteinase inhibitor	3.4
	405970				3.4
15	431954	AK001974	Hs.272242	hypothetical protein FLJ11112	3.4
	459482	AA625339	Hs.237052	EST, Weakly similar to I38022 hypothetical	3.4
	410351	BE391804	Hs.62661	guanylate binding protein 1, Interferon-	3.4
	410804	U64820	Hs.65521	Machado-Joseph disease (spinocerebellar	3.4
	402230				3.4
20	436120	AI248193	Hs.119660	ESTs	3.4
	405336				3.4
	434374	AA631439		gb:np85d02.s1 NCL_CGAP_Thy1 Homo sapiens	3.4
	428911	Z43846	Hs.194478	Homo sapiens mRNA; cDNA DKFZp434O1572 (f	3.4
	437783	AI683150	Hs.201550	ESTs, Weakly similar to ALU1_HUMAN ALU S	3.4
25	416057	AI927382	Hs.23857	ESTs	3.4
	435496	AW640171	Hs.265398	ESTs, Weakly similar to transformation-r	3.4
	436088	AA704887	Hs.191294	ESTs	3.4
	408554	AA836381	Hs.315111	nuclear receptor co-repressor/HDAC3 comp	3.4
	454076	AW204712	Hs.61957	ESTs	3.4
30	431733	AW298410	Hs.21475	ESTs	3.4
	432974	BE348793	Hs.233331	ESTs	3.4
	412576	AA447718	Hs.107057	ESTs	3.4
	446142	AI754693	Hs.145968	ESTs	3.4
	447432	AW958473	Hs.301957	nudix (nucleoside diphosphate linked mol	3.4
35	433384	AI021992	Hs.124244	ESTs	3.4
	413621	AI808648	Hs.184156	ESTs	3.4
	419546	AA244199		gb:nc06c05.s1 NCL_CGAP_Py1 Homo sapiens	3.4
	435111	AI803082	Hs.157212	ESTs	3.4
	421236	AI287622	Hs.151956	ESTs	3.4
40	433917	AI809325	Hs.122814	Human DNA sequence from clone RP5-1028D1	3.4
	403515				3.4
	429657	D13626	Hs.2465	KIAA0001 gene product, putative G-protei	3.4
	453375	AI990114	Hs.240091	ESTs	3.4
	448186	AA262106	Hs.4094	Homo sapiens cDNA FLJ14208 fis, clone NT	3.4
45	412209	AW901456		gb:RCO-NN1012-270300-031-c07 NN1012 Homo	3.4
	421065	AA329711		gb:E6T33382 Embryo, 12 week II Homo sapi	3.4
	409642	AW450809	Hs.257347	ESTs	3.4
	420092	AA814043	Hs.88045	ESTs	3.4
	453365	AA035211	Hs.17404	ESTs	3.3
50	437007	AA741300	Hs.202599	ESTs, Weakly similar to I38022 hypotheti	3.3
	408031	AA081395	Hs.42173	Homo sapiens cDNA FLJ10365 fis, clone NT	3.3
	439024	R96696	Hs.35598	ESTs	3.3
	418432	M14156	Hs.85112	insulin-like growth factor 1 (somatomedi	3.3
	417991	AA731452	Hs.190008	ESTs	3.3
55	403356				3.3
	433650	AA603472	Hs.28456	ESTs	3.3
	410318	AA084050	Hs.269269	ESTs, Weakly similar to S23650 retroviri	3.3
	427019	AA001732	Hs.173233	hypothetical protein FLJ10970	3.3
	413714	AI560944	Hs.71428	ESTs	3.3
60	430887	N68801	Hs.260287	KIAA1841 protein	3.3
	413618	BE154078		gb:PMO-HT0339-200400-010-F04 HT0339 Homo	3.3
	420908	AL049974	Hs.100261	Homo sapiens mRNA; cDNA DKFZp564B222 (fr	3.3
	436168	AK000883	Hs.301645	Homo sapiens cDNA FLJ10021 fis, clone HE	3.3
	405692				3.3
65	432809	AA565509	Hs.131703	ESTs	3.3
	433805	AA706910	Hs.112742	ESTs	3.3
	436192	W93847	Hs.24139	Homo sapiens cDNA: FLJ23137 fis, clone L	3.3
	435451	AF195420	Hs.303006	ESTs, Weakly similar to gamma-hergulin	3.3
	411849	AW964970	Hs.18861	ESTs, Moderately similar to KIAA1276 pro	3.3
70	448404	BE089973		gb:RC6-BT0709-310300-021-G07 BT0709 Homo	3.3
	410434	AF051152	Hs.63668	toll-like receptor 2	3.3
	416421	AA134008	Hs.79306	eukaryotic translation initiation factor	3.3
	436394	BE379623	Hs.27693	peptidylprolyl isomerase (cyclophilin)-I	3.3
	444301	AK000136	Hs.10760	asporin (LRR class 1)	3.3
75	428795	R45503	Hs.97469	ESTs, Highly similar to A39769 N-acetyl	3.3
	458924	BE242158	Hs.24427	DKFZP566C1646 protein	3.3
	435934	R19382	Hs.117869	ESTs	3.3
	400269				3.3
80	418555	U92649	Hs.64311	a disintegrin and metalloproteinase doma	3.3
	412903	BE007967	Hs.155795	ESTs	3.3
	400689				3.3
	449585	AI655321	Hs.197693	ESTs	3.3
	408806	AW847814	Hs.289005	Homo sapiens cDNA: FLJ21532 fis, clone C	3.3
	418557	BE140602	Hs.246645	ESTs	3.3

	453204	R10789	Hs.191990	ESTs	3.3
	450696	AI654223	Hs.16026	hypothetical protein FLJ23191	3.3
	427374	AI150033	Hs.143696	ESTs	3.3
5	443367	AW071349	Hs.215937	ESTs	3.3
	446645	AI336596	Hs.156294	ESTs	3.3
	449697	AW819642	Hs.24135	transmembrane protein vezatin; hypotheti	3.3
	428467	AK002121	Hs.184465	hypothetical protein FLJ11259	3.3
	408761	AA057264	Hs.238936	ESTs, Weakly similar to (define not ava	3.3
	403895				3.2
10	414899	AW975433	Hs.36288	ESTs	3.2
	409044	AI129586	Hs.33033	hypothetical protein FLJ14623	3.2
	447233	AW246333	Hs.17901	Homo sapiens, clone IMAGE:3937015, mRNA,	3.2
	422219	AW978073	Hs.1010	regulator of mitotic spindle assembly 1	3.2
	427119	AW880562	Hs.114574	ESTs	3.2
15	437073	AI885608	Hs.94122	ESTs	3.2
	443830	AI142096	Hs.143273	ESTs	3.2
	454962	AW847645		gb:IL3-CT0213-280100-056-A04 CT0213 Homo	3.2
	433644	AW342028		gb:hb75d03.x1 NCL_CGAP_U02 Homo sapiens	3.2
	417561	AW974345		gb:EST386449 MAGE resequenes, MAGM Homo	3.2
20	446063	AI720140	Hs.151079	ESTs	3.2
	423509	AA328348	Hs.218289	ESTs	3.2
	428004	AA445563	Hs.151393	glutamate-cysteine ligase, catalytic sub	3.2
	453370	AI470523	Hs.139336	ATP-binding cassette, sub-family C (CFTR	3.2
	435808	AA702866	Hs.113150	ESTs	3.2
25	424001	W67883	Hs.137476	paternally expressed 10	3.2
	415835	F13168		gb:HSC3JF101 normalized infant brain cDN	3.2
	418946	AI798841	Hs.164526	ESTs	3.2
	431760	AA514986	Hs.283705	ESTs	3.2
30	425188	AK002052	Hs.155071	hypothetical protein FLJ11190	3.2
	428268	AA24957	Hs.294132	ESTs	3.2
	418878	W20090	Hs.5616	ESTs	3.2
	416565	AW000960	Hs.44970	endoplasmic reticulum resident protein 5	3.2
	454288	BE222648	Hs.279458	ESTs, Highly similar to c380A1.1b (H.sap	3.2
	446428	AW092270	Hs.12496	ESTs, Weakly similar to ALU4_HUMAN ALU S	3.2
35	404588				3.2
	413087	BE064655		gb:RC1-BT0313-301299-012-c09 BT0313 Homo	3.2
	444910	AI201849		gb:xq576g04.x1 NCL_CGAP_P128 Homo sapiens	3.2
	407339	AA777542	Hs.132670	ESTs	3.2
40	414093	BE544867	Hs.283077	centrosomal P4.1-associated protein; unc	3.2
	438458	AW975188		gb:EST387294 MAGE resequenes, MAGN Homo	3.2
	419340	AA236590	Hs.87530	ESTs	3.2
	423448	AK000776	Hs.128753	Homo sapiens cDNA FLJ20769 fis, clone CO	3.2
	457030	AI301740	Hs.173381	dihydropyrimidinase-like 2	3.2
45	421187	NM_014721	Hs.102471	KIAA0680 gene product	3.2
	419929	U90268	Hs.93810	cerebral cavernous malformations 1	3.2
	429276	AF060685	Hs.198612	G protein-coupled receptor 51	3.2
	423941	AW753567		gb:RC2-CT0304-080100-011-h12 CT0304 Homo	3.2
	438839	AW297946	Hs.128490	ESTs	3.2
50	410085	AA428482	Hs.58589	glycogenin 2	3.2
	427961	AW293165	Hs.143134	ESTs	3.2
	429228	AI553633	Hs.337139	ESTs	3.2
	431548	AI834273	Hs.9711	novel protein	3.1
	441839	AW975512	Hs.29160	ESTs	3.1
55	410389	AW954049	Hs.8177	ESTs, Weakly similar to PIHU96 salivary	3.1
	441274	AW593781	Hs.131357	ESTs	3.1
	452401	NM_007115	Hs.29352	tumor necrosis factor, alpha-induced pro	3.1
	436154	AA764950	Hs.119898	ESTs	3.1
	406752	AI285598		gb:xq49f06.x1 NCL_CGAP_Lym6 Homo sapiens	3.1
60	450689	AI359275	Hs.243010	Homo sapiens cDNA FLJ14445 fis, clone HE	3.1
	434164	AW207019	Hs.148135	serine/threonine kinase 33	3.1
	436739	BE208022	Hs.127685	KIAA1627 protein	3.1
	451674	AA019104	Hs.175483	Homo sapiens cDNA: FLJ22016 fis, clone H	3.1
	421166	AA305407	Hs.102308	potassium inwardly-rectifying channel, s	3.1
65	437872	AK002015	Hs.6887	RNA binding motif protein 7	3.1
	440046	AW402306	Hs.6877	hypothetical protein FLJ10483	3.1
	452824	WZ7643	Hs.73965	splicing factor, arginine/serine-rich 2	3.1
	428457	AW894667	Hs.169965	chimerin (chimaerin) 1	3.1
	424780	U39576	Hs.153058	butyrophilin, subfamily 1, member A1	3.1
70	456551	AW975051	Hs.293156	ESTs, Weakly similar to I78685 serine/th	3.1
	410763	AF279145	Hs.8966	hypothetical protein FLJ21776	3.1
	431814	BE256242	Hs.270847	delta-tubulin	3.1
	440099	AL080058	Hs.6909	DKFZP564G202 protein	3.1
	436401	AI087958	Hs.29088	ESTs	3.1
75	437439	H29796	Hs.269622	ESTs	3.1
	409277				3.1
	408847	AA574291	Hs.57837	ESTs	3.1
	424131	AA335714	Hs.199665	ESTs	3.1
	433222	AW514472	Hs.238415	ESTs, Moderately similar to ALU8_HUMAN A	3.1
80	434536	AA083764	Hs.6101	hypothetical protein MGC3178	3.1
	450519	AA010066	Hs.224849	Homo sapiens cDNA FLJ12583 fis, clone NT	3.1
	415083	AI632683	Hs.27179	Homo sapiens cDNA FLJ12933 fis, clone NT	3.1
	407905	AW103655	Hs.252905	ESTs	3.1
	452311	AW304029	Hs.252744	ESTs	3.1

5	434849	AW292765	Hs.8053	ESTs	3.1
	445770	AV650309	Hs.154986	ESTs, Weakly similar to PLIP_HUMAN PLASM	3.1
	424238	AA337401	Hs.137636	ESTs	3.1
	411643	AI924519	Hs.192570	hypothetical protein FLJ22028	3.1
	447829	AI433029	Hs.164104	ESTs	3.1
10	406506				3.1
	428301	AW628666	Hs.98440	ESTs, Weakly similar to I38022 hypotheti	3.1
	428579	NM_005756	Hs.184942	G protein-coupled receptor 64	3.1
	451229	AW967707	Hs.48473	ESTs	3.1
	401103				3.1
15	433589	AA886530	Hs.188912	ESTs	3.1
	459370	AA889982	Hs.271826	ESTs, Weakly similar to I38022 hypotheti	3.1
	438533	AI440266	Hs.170673	ESTs, Weakly similar to T24832 hypotheti	3.1
	404288				3.1
	406195				3.1
20	438202	AW169287	Hs.22568	ESTs	3.1
	425516	BE000707	Hs.29567	ESTs	3.1
	426572	AB037783	Hs.170623	hypothetical protein FLJ11183	3.1
	422592	AA332376	Hs.24135	transmembrane protein vezalin; hypokietti	3.1
	435414	AW270550	Hs.116957	ESTs	3.1
25	418950	T78517	Hs.13941	ESTs	3.1
	426890	AA393167	Hs.41294	ESTs	3.1
	457447	X78261	Hs.272177	H.sapiens mRNA for TRE17 5' extremity an	3.1
	443773	AV646452	Hs.30941	calcium channel, voltage-dependent, beta	3.1
	459371	R20991		gb:yg06h01.r1 Soares infant brain 1N1B H	3.1
30	421823	N40850	Hs.28625	ESTs	3.1
	447247	AW368351	Hs.287955	Homo sapiens cDNA FLJ13090 fis, clone NT	3.1
	452896	AA831508	Hs.32563	ESTs	3.1
	425895	AI269484	Hs.161427	zinc finger protein 215	3.1
	461403	AA885669	Hs.40919	Homo sapiens cDNA FLJ14511 fis, clone NT	3.1
35	407340	AA810168	Hs.284289	villig-associated protein VIT-1	3.1
	401862				3.1
	444325	AW152618	Hs.16757	ESTs	3.1
	406171	AA301228	Hs.43299	hypothetical protein FLJ12890	3.1
	423949	AI014546	Hs.130912	ESTs	3.1
40	419619	AI198719	Hs.176376	ESTs	3.0
	434683	AW298724	Hs.202639	ESTs	3.0
	418454	AA315308	Hs.195870	hypothetical protein FLJ14991	3.0
	415086	AI597863	Hs.118726	ESTs	3.0
	418220	AA811938	Hs.291759	ESTs	3.0
45	418549	AW474547	Hs.53565	Homo sapiens PIG-M mRNA for mannosyltran	3.0
	443634	H73972	Hs.134460	ESTs	3.0
	429682	NM_006306	Hs.211602	SMC1 (structural maintenance of chromoso	3.0
	405080				3.0
	432267	AK000872	Hs.274227	Homo sapiens cDNA FLJ10010 fis, clone HE	3.0
50	443253	AI041212	Hs.132117	ESTs	3.0
	444974	AI203500	Hs.151612	ESTs	3.0
	445717	AW664658	Hs.149332	ESTs	3.0
	449347	AV649748	Hs.295901	KIAA0493 protein	3.0
	452778	R71338	Hs.5921	Homo sapiens cDNA: FLJ21592 fis, clone C	3.0
55	414888	AL039186	Hs.77558	thyroid hormone receptor Interactor 7	3.0
	424406	D54120	Hs.146409	cell division cycle 42 (GTP-binding prot	3.0
	410371	AA084482	Hs.115850	ESTs	3.0
	426384	AI472078	Hs.303662	ESTs	3.0
	418200	AW629761	Hs.206654	ESTs, Weakly similar to alternatively sp	3.0
60	427050	AA397789	Hs.161803	ESTs	3.0
	449579	AW207260	Hs.134014	ESTs, Weakly similar to T46425 hypotheti	3.0
	411004	AW813242		gb:MR3-ST0191-020200-207-g10 ST0191 Homo	3.0
	454032	W31790	Hs.194293	ESTs, Weakly similar to I54374 gene NF2	3.0
	455601	AI368680	Hs.816	SRY (sex determining region Y)-box 2	3.0
65	447482	AB033059	Hs.18705	KIAA1233 protein	3.0
	439416	W58294	Hs.56254	ESTs	3.0
	436635	AW104325	Hs.272093	ESTs, Weakly similar to I78885 serine/th	3.0
	419086	NM_000216	Hs.89591	Kallmann syndrome 1 sequence	3.0
	412566	AW962574		gb:EST374647 MAGE resequences, MAGE Homo	3.0
70	415452	F09134	Hs.12839	ESTs	3.0
	427874	AA732367	Hs.99198	ESTs	3.0
	447048	AA326187	Hs.17170	G protein-coupled receptor 4	3.0
	454193	BE141183		gb:MR0-HT0071-191199-001-b04 HT0071 Homo	3.0
	454678	AW813069		gb:RC3-ST0186-240400-111-b05 ST0186 Homo	3.0
75	415122	D60708	Hs.22245	ESTs	3.0
	444665	BE613126	Hs.47763	B aggressive lymphoma gene	3.0
	400227				3.0
	411905	BE265067		gb:601193893F1 NIH_MGC_7 Homo sapiens cD	3.0
	419503	AA243642	Hs.137422	ESTs	3.0
80	446663	BE326588	Hs.141454	ESTs	3.0
	457285	AI038858	Hs.130522	Kv channel-interacting protein 1	3.0
	434998	AW975157	Hs.28037	ESTs	3.0
	436203	BE384982	Hs.5076	Homo sapiens cDNA: FLJ22128 fis, clone H	3.0
	424539	L02911	Hs.150402	activin A receptor, type I	3.0
	449856	AA203155	Hs.18200	ESTs	3.0
	427698	AW972594	Hs.294140	ESTs	3.0
	461494	AI799444	Hs.247095	ESTs, Moderately similar to ALU7_HUMAN A	3.0

	442994	AI026718	Hs.16954	ESTs	3.0
	408165	AL137573	Hs.43143	Homo sapiens mRNA; cDNA DKFp564A2463 (f	3.0
	421072	AI215069	Hs.89113	ESTs	3.0
	456273	AF154846	Hs.1148	zinc finger protein	3.0
5	404548				3.0
	426201	AA424158	Hs.206461	ESTs	3.0
	441519	AA972740	Hs.127092	ESTs	3.0
	445413	AA151342	Hs.12677	CGI-147 protein	3.0
	418717	AI334430	Hs.86984	ESTs	3.0
10	428839	AI767756	Hs.82302	Homo sapiens cDNA FLJ14814 fis, clone NT	3.0
	407758	D50915	Hs.38365	KIAA0125 gene product	3.0
	431506	AW328038	Hs.37486	ESTs	3.0
	424968	AA349086	Hs.259746	ESTs, Weakly similar to A46010 X-linked	3.0
	431023	AI283133	Hs.297420	ESTs	3.0
15	432596	AJ224741	Hs.278461	matutin 3	3.0
	452412	AA029608	Hs.81373	ESTs	3.0
	421309	AI222086	Hs.270449	ESTs, Moderately similar to ALU1_HUMAN A	2.9
	438128	AA904430	Hs.122049	ESTs, Weakly similar to T2D4_HUMAN TRANS	2.9
	408321	AW405882	Hs.44205	cortistatin	2.9
20	439236	BE160952	Hs.247117	ESTs, Moderately similar to ALUF_HUMAN I	2.9
	400880				2.9
	417014	AA251720	Hs.104347	ESTs, Weakly similar to ALUC_HUMAN III	2.9
	422278	AF072873	Hs.114218	fizzled (Drosophila) homolog 6	2.9
	406503				2.9
25	426573	AB006423	Hs.158308	serine (or cysteine) proteinase inhibitor	2.9
	427878	C05766	Hs.181022	CGI-07 protein	2.9
	451700	AI470262	Hs.29563	ESTs	2.9
	451797	AW663858	Hs.333513	small inducible cytokine subfamily E, me	2.9
	423025	AA831267	Hs.12244	hypothetical protein FLJ20097	2.9
30	422634	NM_016010	Hs.118821	CGI-62 protein	2.9
	448966	AW372914	Hs.86149	phosphoinositide 3-phosphate-binding prot	2.9
	408690	AW864542		gb:PM4-SN0016-120500-003-h02 SN0016 Homo	2.9
	408525	AW206972	Hs.253596	ESTs	2.9
	412248	BE176480		gb:RC3-HT0585-160300-022-c02 HT0585 Homo	2.9
35	432507	BE391093	Hs.324667	ESTs	2.9
	447290	AI476732	Hs.263912	ESTs	2.9
	424188	AW954552	Hs.142634	zinc finger protein	2.9
	431448	AL137517	Hs.334473	hypothetical protein DKFp56401278	2.9
40	400325	M85292	Hs.247924	Homo sapiens endogenous HIV-1 related se	2.9
	408408	AF070571	Hs.44690	Homo sapiens clone 24739 mRNA sequence	2.9
	423119	AA322201	Hs.131976	ESTs	2.9
	423717	AA330036	Hs.152003	ESTs	2.9
	424152	AL133591	Hs.141480	Homo sapiens mRNA; cDNA DKFp434N079 (fr	2.9
45	431980	AA523686	Hs.324507	hypothetical protein FLJ20985	2.9
	434980	AW770653	Hs.14653	sterol O-acyltransferase (acyl)-Coenzyme	2.9
	444339	T98556	Hs.31562	ESTs	2.9
	446745	AW118189	Hs.156400	ESTs	2.9
	459201	AW391177		gb:MR3-ST0203-221299-023-d05 ST0203 Homo	2.9
50	430573	AA744650	Hs.136345	ESTs	2.9
	451073	AJ758905	Hs.206063	ESTs	2.9
	440575	AA889870	Hs.126006	ESTs	2.9
	402046				2.9
	426882	AA393108	Hs.97365	ESTs	2.9
55	435738	AA695633	Hs.269543	ESTs, Weakly similar to A56194 thromboxa	2.9
	420656	AA279098	Hs.187636	ESTs	2.9
	438323	AI985394	Hs.123369	ESTs	2.9
	453123	AI953718	Hs.221849	ESTs	2.9
	418343	AA216372	Hs.159501	ESTs	2.9
60	431595	AA508196		gb:nh6007.s1 NCL_CGAP_P18 Homo sapiens	2.9
	436187	AK000998	Hs.297221	Homo sapiens cDNA FLJ10136 fis, clone HE	2.9
	459440	BE048054		gb:tz46c03.y1 NCL_CGAP_Bm52 Homo sapien	2.9
	451957	AI795320	Hs.10299	Homo sapiens cDNA FLJ13545 fis, clone PL	2.9
	408434	AW195317	Hs.107716	hypothetical protein FLJ22344	2.9
65	456034	AW450979		gb:UH-BI3-ala-a-12-0-UI.s1 NCL_CGAP_Su	2.9
	442118	AA976718	Hs.202242	ESTs	2.9
	420727	H75701	Hs.98886	complement component 4-binding protein,	2.9
	433849	BE465884	Hs.280728	ESTs	2.9
	424235	NM_003181	Hs.143507	T brachyury (mouse) homolog	2.9
70	429826	N93266	Hs.40747	ESTs	2.9
	437913	AI140825	Hs.121623	ESTs	2.9
	441330	AI692984	Hs.129354	ESTs	2.9
	443458	R05365	Hs.143509	hypothetical protein FLJ21924	2.9
	436873	AI302471	Hs.124292	Homo sapiens cDNA: FLJ23123 fis, clone L	2.9
75	444581	NM_004469	Hs.11392	c-fos induced growth factor (vascular en	2.9
	444631	AW995395	Hs.84520	ESTs, Weakly similar to TRHY_HUMAN TRICH	2.9
	456186	AA904244	Hs.153205	ESTs	2.9
	436043	AW563938	Hs.168830	Homo sapiens cDNA FLJ12136 fis, clone MA	2.9
	415757	AA830854	Hs.187810	ESTs	2.9
80	449299	AA298919	Hs.84561	ESTs	2.9
	457003	S78234	Hs.172405	cell division cycle 27	2.9
	408875	NM_015434	Hs.48604	DKFZP434B168 protein	2.9
	424602	AK002055	Hs.151046	hypothetical protein FLJ11193	2.9
	426174	AA547959	Hs.115838	ESTs	2.9

	449318	AW236021	Hs.76531	Homo sapiens, Similar to RIKEN cDNA 5730	2.9
	429950	AW081608	Hs.105053	ESTs	2.9
	412733	AA984472	Hs.74554	KIAA0080 protein	2.9
5	423637	AL137279	Hs.130187	Homo sapiens mRNA; cDNA DKFZp434O1214 (	2.9
	442655	AW027457	Hs.30323	ESTs, Weakly similar to B34087 hypotheti	2.9
	420556	AA278300	Hs.124292	Homo sapiens cDNA: FLJ23123 fis, clone L	2.9
	430447	W17064	Hs.332848	SWWSNF related, matrix associated, acti	2.9
	416871	H98716		gbcyx13d08.s1 Soares melanocyte 2NbHM Ho	2.9
10	439737	AJ751438	Hs.41271	Homo sapiens mRNA full length insert cDN	2.9
	406815	AA833930	Hs.286036	tRNA leucyl-tRNA synthetase transferase	2.9
	401094				2.9
	401526				2.9
	414140	AA281279	Hs.23317	hypothetical protein FLJ14681	2.9
15	417320	AA195667	Hs.86022	ESTs	2.9
	418282	AA215535	Hs.98133	ESTs	2.9
	442927	AJ024347	Hs.131519	ESTs	2.9
	450006	AJ241555	Hs.60171	ESTs	2.9
	418231	AL046294	Hs.136245	ESTs, Weakly similar to T17227 hypotheti	2.8
20	416623	N74925	Hs.38761	Homo sapiens cDNA: FLJ21564 fis, clone C	2.8
	403328				2.8
	414696	AF002020	Hs.76918	Niemann-Pick disease, type C1	2.8
	419038	AW134924	Hs.190325	ESTs	2.8
	440106	AA864988	Hs.127699	KIAA1603 protein	2.8
25	448019	AW947164	Hs.195641	ESTs, Moderately similar to I38022 hypot	2.8
	431745	AW972448	Hs.163425	ESTs	2.8
	421426	AA291101	Hs.33020	Homo sapiens, clone IMAGE:3939163, mRNA,	2.8
	433014	NM_014711	Hs.279912	KIAA0419 gene product	2.8
	455100	BE160198		gb:QV1-HT0413-010203-059-h03 HT0413 Homo	2.8
30	441790	AW294909	Hs.132209	ESTs	2.8
	404443				2.8
	428129	AJ244311	Hs.26912	ESTs	2.8
	435047	AA454985	Hs.54973	cadherin-like protein VR20	2.8
	423948	AW392342	Hs.283077	centrosomal P4.1-associated protein; unc	2.8
35	449327	AJ638743	Hs.224672	ESTs	2.8
	400983				2.8
	415786	AW419186	Hs.257924	hypothetical protein FLJ13782	2.8
	411213	AA676939	Hs.69285	neuropilin 1	2.8
	420896	AW149342	Hs.24444	Homo sapiens cDNA: FLJ22165 fis, clone H	2.8
40	409994	D88864	Hs.57735	acetyl LDL receptor; SREC	2.8
	430388	AA356923	Hs.240770	nuclear cap binding protein subunit 2, 2	2.8
	419530	X98330	Hs.90821	ryanodine receptor 2 (cardiac)	2.8
	455092	BE152428		gb:CMD-HT0323-151299-126-b04 HT0323 Homo	2.8
	456118	AA380267	Hs.78277	DKFZP434F2021 protein	2.8
45	440192	AA872282	Hs.190596	ESTs	2.8
	448466	AJ522109	Hs.171066	ESTs	2.8
	414889	AA157291	Hs.21479	ubiquitin 1	2.8
	440351	AF030933	Hs.7179	RAD1 (S. pombe) homolog	2.8
	407594	AW057584	Hs.160681	ESTs	2.8
50	439235	N45513	Hs.46608	ESTs	2.8
	417061	AJ675944	Hs.188691	Homo sapiens cDNA FLJ12033 fis, clone HE	2.8
	434812	AA648860	Hs.189496	ESTs	2.8
	409731	AA126985	Hs.56145	thymosin, beta, identified in neuroblast	2.8
	455512	AW983608		gb:RC3-HN0001-240400-012-c01 HN0001 Homo	2.8
55	408380	AF123050	Hs.44532	thiolactonase	2.8
	435990	AJ015882	Hs.131793	ESTs	2.8
	410572	AW794600		gb:RC6-UM0014-170300-022-C05 UM0014 Homo	2.8
	432798	AA565309	Hs.194015	ESTs	2.8
	416288	H51299		gb:yp07c06.s1 Soares breast 3NbHBst Homo	2.8
60	438886	AA827728	Hs.128705	ESTs, Weakly similar to AF149422 2 unkno	2.8
	451558	NM_001089	Hs.26630	ATP-binding cassette, sub-family A (ABC1	2.8
	416940	N75620	Hs.43157	ESTs	2.8
	421750	AK000768	Hs.107872	hypothetical protein FLJ20761	2.8
	436398	AA805526	Hs.130277	ESTs	2.8
65	436313	AJ769400	Hs.189729	ESTs	2.8
	414605	BE390440		gb:601283601F1 NIH_MGC_44 Homo sapiens c	2.8
	436508	AW604381	Hs.121121	ESTs, Weakly similar to S00755 pleckstr	2.8
	413195	AA127382	Hs.22404	protease, serine, 12 (neurotrypsin, molo	2.8
	413829	NM_001872	Hs.75572	carboxypeptidase B2 (plasma)	2.8
70	401323				2.8
	408296	AL117452	Hs.44155	DKFZP586G1517 protein	2.8
	428532	AF157326	Hs.184786	TBP-interacting protein	2.8
	423454	AL110456	Hs.469	succinate dehydrogenase complex, subunit	2.8
	436027	AJ864053	Hs.39972	ESTs, Weakly similar to I36588 reverse t	2.8
	405970	M29594		gb:Human alpha-1 spectrin gene, exon 12.	2.8
75	426172	AA371307	Hs.125056	ESTs	2.8
	452114	N22687	Hs.8236	ESTs	2.8
	439750	AL359053	Hs.57664	Homo sapiens mRNA full length insert cDN	2.8
	423130	AW897686	Hs.21213	ESTs	2.8
	430680	R11884	Hs.100826	ESTs	2.8
80	434138	AA625804		gb:zu86h01.s1 Soares_testis_NHT Homo sap	2.8
	427469	AA403084	Hs.269347	ESTs, Weakly similar to 2109260A B cell	2.8
	429881	T80112	Hs.192245	ESTs	2.8
	411492	T46848	Hs.70337	immunoglobulin superfamily, member 4	2.8

	409435	AJ810721	Hs.95424	ESTs	2.8
	442191	W95186	Hs.8136	endothelial PAS domain protein 1	2.8
	407305	AA715284		gb:mv35f03.r1 NCL CGAP_B:5 Homo sapiens	2.8
5	444381	BE387335	Hs.283713	ESTs, Weakly similar to S64054 hypotheli	2.8
	412189	R60982	Hs.22581	ESTs	2.8
	420976	AJ924940	Hs.108082	ESTs, Weakly similar to T31636 hypotheli	2.8
	448330	AL036449	Hs.207163	ESTs	2.8
10	418912	NM_000685	Hs.89472	angiotensin receptor 1	2.8
	422505	AL120862	Hs.124165	ESTs	2.8
	427752	AA470687	Hs.104772	ESTs	2.8
	433513	AJ566355	Hs.171437	ESTs	2.8
	433703	AA210863	Hs.3532	nemo-like kinase	2.8
	448912	D83781	Hs.22559	KIAA0197 protein	2.8
	405621				2.8
15	430687	BE274217	Hs.249247	heterogeneous nuclear protein similar to	2.8
	450400	AJ694722	Hs.279744	ESTs	2.8
	456844	AJ264155	Hs.152981	CDP-diacylglycerol synthase (phospholida	2.8
	418342	BE002723	Hs.226627	leptin receptor	2.8
20	420758	AA411800	Hs.189900	ESTs	2.8
	423532	BE080503		gb:RC6-BT0717-110400-011-F11 BT0717 Homo	2.8
	440320	AA879294		gb:mv86e09.s1 NCL CGAP_Pr12 Homo sapiens	2.8
	457314	AA479587	Hs.193669	hypothetical protein DKFZp686J1119	2.8
	439831	AW136488	Hs.25545	ESTs	2.8
25	425661	AL133627	Hs.158923	Homo sapiens mRNA; cDNA DKFZp434K0722 (f	2.8
	407949	W21874	Hs.247057	ESTs, Weakly similar to 2109260A B cell	2.8
	418658	AW874263	Hs.32488	ESTs	2.8
	409978	D31897	Hs.57714	double C2-like domains, alpha	2.8
	421340	F07783	Hs.1369	decay accelerating factor for complement	2.8
30	449071	NM_005872	Hs.22950	breast carcinoma amplified sequence 2	2.8
	409241	AF070602	Hs.51649	Homo sapiens clone 24504 mRNA sequence	2.8
	448219	AA228082	Hs.42656	KIAA1681 protein	2.8
	408936	AL138043	Hs.293549	ESTs	2.8
	410784	AW803201		gb:IL2-UM0077-070500-080-ED6 UM0077 Homo	2.8
35	426471	M22440	Hs.170009	transforming growth factor, alpha	2.8
	454458	AW752710		gb:IL3-CT0219-281099-024-A03 CT0219 Homo	2.8
	455310	AW893961		gb:RC4-NN0027-060400-011-d11 NN0027 Homo	2.8
	401335				2.7
	436577	W84774	Hs.17643	ESTs	2.7
40	409519	AA075368		gb:zm86h10.r1 Stratagene ovarian cancer	2.7
	421003	T72080	Hs.95567	F-box protein 30	2.7
	429593	AK000332	Hs.205927	Homo sapiens cDNA FLJ20325 fis, clone HE	2.7
	450434	AA166950	Hs.195870	hypothetical protein FLJ14991	2.7
	436007	AJ247716	Hs.232168	ESTs	2.7
	408874	AW818091	Hs.252730	ESTs	2.7
45	418038	Z37876	Hs.83337	latent transforming growth factor beta b	2.7
	435625	H50654	Hs.113999	ESTs	2.7
	435766	R11673	Hs.186498	ESTs	2.7
	410327	T33130	Hs.301746	RAP2A, member of RAS oncogene family	2.7
50	416805	F13271	Hs.79981	Human clone 23560 mRNA sequence	2.7
	417177	NM_004458	Hs.81452	fatty-acid-Coenzyme A ligase, long-chain	2.7
	423020	AA383092	Hs.1608	replication protein A3 (14kD)	2.7
	427134	AA398409	Hs.173561	EST	2.7
	428137	AA421792	Hs.170999	ESTs	2.7
55	429710	AJ337113	Hs.146025	hypothetical protein FLJ23594	2.7
	430844	T94960		gb:ye38d07.r1 Stratagene lung (837210) H	2.7
	417576	AA339449	Hs.82285	phosphoribosylglycinamide formyltransfer	2.7
	441928	AJ370188	Hs.211454	ESTs	2.7
	409721	AW887732	Hs.257881	ESTs	2.7
60	427112	Z32887	Hs.280951	ESTs	2.7
	403776				2.7
	420159	AJ572490	Hs.99785	Homo sapiens cDNA: FLJ21245 fis, clone C	2.7
	427839	AA608823	Hs.98244	ESTs	2.7
	432837	AA310593	Hs.87329	HSPC072 protein	2.7
65	438782	AA828380	Hs.128733	ESTs	2.7
	449396	BE169100	Hs.195029	ESTs	2.7
	458043	AW979009	Hs.326108	ESTs	2.7
	438171	AW976507	Hs.293515	ESTs	2.7
	452959	AJ833416	Hs.189874	ESTs	2.7
70	438556	AJ623752	Hs.163603	ESTs	2.7
	446152	AJ292036	Hs.150028	ESTs	2.7
	434803	AW974640	Hs.303413	ESTs	2.7
	407771	AL138272	Hs.62713	ESTs	2.7
	411069	AL133092	Hs.68055	hypothetical protein DKFZp434I0428	2.7
75	417543	AA203620	Hs.110153	ESTs	2.7
	401517				2.7
	403677				2.7
	416337	H48713		gb:yg78d02.r1 Soares fetal liver spleen	2.7
	423401	NM_001992	Hs.128087	coagulation factor II (thrombin) recepto	2.7
80	446800	AJ341635	Hs.156486	ESTs	2.7
	457906	AW975939	Hs.153290	Homo sapiens cDNA FLJ14318 fis, clone PL	2.7
	452277	AL049013	Hs.28783	KIAA1223 protein	2.7
	416913	AW934714		gb:RC1-DT0001-031299-011-a11 DT0001 Homo	2.7
	416370	N90470	Hs.203597	ESTs, Weakly similar to 138022 hypotheli	2.7

5	408715	AA768873	Hs.112250	hypothetical protein FLJ23518	2.7
	410743	AA089474	Hs.272153	ESTs	2.7
	427138	N77624	Hs.173717	phosphatidic acid phosphatase type 2B	2.7
	435260	BE172762	Hs.292710	ESTs, Weakly similar to ALU5_HUMAN ALU 5	2.7
	427565	AI287280	Hs.97933	ESTs, Weakly similar to T46370 hypothet	2.7
	406092				2.7
	410008	AA078552		gb:zm20h12.s1 Stralagena pancreas (93720	2.7
	438504	AW665281	Hs.224625	ESTs	2.7
10	414783	AW069569	Hs.278270	inactive progesterone receptor, 23 kD	2.7
	411479	AW848047		gb:IL3-CT0214-291299-052-A12 CT0214 Homo	2.7
	418686	Z36830	Hs.87268	annexin A8	2.7
	413795	AL040178	Hs.142003	ESTs	2.7
	457528	AW973791	Hs.292784	ESTs	2.7
15	444230	H95537	Hs.148067	ESTs	2.7
	403760				2.7
	416624	H69044		gb:yr77h05.s1 Soares fetal liver spleen	2.7
	428904	AJ312526	Hs.46640	ESTs	2.7
	446311	AW007294	Hs.149795	ESTs, Moderately similar to ALU1_HUMAN A	2.7
20	458638	N78553	Hs.282204	nucleosomal binding protein 1	2.7
	459257	AJ003631		gb:AJ003631 Selected chromosome 21 cDNA	2.7
	424834	AK001432	Hs.153408	Homo sapiens cDNA FLJ10570 fis, clone NT	2.7
	433906	AI167816	Hs.43355	ESTs	2.7
	428966	AF059214	Hs.194687	cholesterol 25-hydroxylase	2.7
25	446554	AA151730	Hs.301789	nudix (nucleoside diphosphate linked mol	2.7
	440035	NM_006558	Hs.13555	Sam68-like phosphotyrosine protein, T-ST	2.7
	421585	U95626	Hs.302043	chemokine (C-C motif) receptor-like 2	2.7
	445158	AI992108	Hs.127206	ESTs	2.7
	421175	AI875099	Hs.102397	GIOT-3 for gonadotropin inducible transc	2.7
30	401793				2.7
	410181	AI468210	Hs.261285	pilotropic regulator 1 (PRL1, Arabidops	2.7
	427038	NM_014633	Hs.173268	KIAA0155 gene product	2.7
	451343	AW975057	Hs.293353	ESTs	2.7
	455992	BE178015		gb:RC3-H7D612-080500-013-h10 HT0612 Homo	2.7
35	438475	W03856	Hs.13188	ESTs, Highly similar to Gene product wit	2.7
	455571	BE003714		gb:QV3-BN0096-200400-161-a01 BN0096 Homo	2.7
	426298	AW950508	Hs.111583	ESTs, Weakly similar to I38022 hypothet	2.7
	407930	AA045847	Hs.188361	Homo sapiens cDNA FLJ12807 fis, clone NT	2.7
	453891	AB037751	Hs.36353	Homo sapiens mRNA full length insert cDN	2.7
40	451487	AA018072		gb:ze51g02.r1 Soares retina N2b4HR Homo	2.7
	418269	AA806113	Hs.189025	ESTs	2.7
	419196	AF110908	Hs.297660	TNF receptor-associated factor 3	2.7
	459160	AI904723		gb:CM-BT066-120299-082 BT066 Homo saplen	2.7
45	441963	AI733307	Hs.128002	ESTs	2.7
	440273	AI805392	Hs.325335	Homo sapiens cDNA: FLJ23523 fis, clone L	2.7
	426902	AI125334	Hs.97408	ESTs	2.7
	414271	AK000275	Hs.75871	protein kinase C binding protein 1	2.7
	453313	BE005771	Hs.153746	hypothetical protein FLJ22490	2.7
	445265	AI218295	Hs.144942	ESTs	2.7
50	422988	AW673847	Hs.97321	ESTs	2.7
	428613	AB037749	Hs.186928	KIAA1328 protein	2.7
	444619	BE538082	Hs.8172	ESTs, Moderately similar to A46010 X-lln	2.7
	457300	AW297436	Hs.158849	Homo sapiens cDNA: FLJ21663 fis, clone C	2.7
	402800				2.7
55	425071	NM_013969	Hs.154424	deiodinase, iodothyronine, type II	2.7
	414729	BE466828	Hs.281901	ESTs	2.7
	453716	AA037675	Hs.152675	ESTs	2.7
	452893	T78153	Hs.48689	zinc finger protein 228	2.7
60	439818	AL350137	Hs.18934	Homo sapiens mRNA full length insert cDN	2.7
	443305	AI050893	Hs.133318	ESTs	2.7
	416709	R98369	Hs.283108	hemoglobin, gamma G	2.7
	419077	AA233885	Hs.164526	ESTs	2.7
	453878	AW984440	Hs.19025	DC32	2.7
	445660	AI702668	Hs.201955	ESTs	2.7
65	446817	AI700684	Hs.134166	ESTs	2.7
	442137	AA977235	Hs.128830	ESTs, Weakly similar to Z192_HUMAN ZINC	2.6
	410406	AI988703	Hs.1468	glycerol kinase	2.6
	442242	AV647908	Hs.80424	Homo sapiens cDNA: FLJ23285 fis, clone H	2.6
	407830	NM_001036	Hs.587	arylacetamide deacetylase (esterase)	2.6
70	415138	C18355	Hs.295944	tissue factor pathway inhibitor 2	2.6
	407055	X89211		gb:H.sapiens DNA for endogenous retrovir	2.6
	408812	BE397180	Hs.254763	ESTs, Weakly similar to A42442 integrin	2.6
	440310	AA878839	Hs.125405	ESTs	2.6
	425659	AK000590	Hs.158836	hypothetical protein FLJ20583	2.6
75	418217	AI910647	Hs.13442	ESTs	2.6
	428667	AI375850	Hs.74407	nucleolar protein p40; homolog of yeast	2.6
	414573	AI821846	Hs.71999	ESTs	2.6
	420000	AB036063	Hs.94262	p53-inducible ribonucleotide reductase s	2.6
	452821	AW471181	Hs.160874	ESTs	2.6
80	440138	AB033023	Hs.318127	hypothetical protein FLJ10201	2.6
	428483	AI908539	Hs.321444	KIAA0344 gene product	2.6
	441350	AB020690	Hs.7782	pancreatic antigen MA2	2.6
	405059				2.6
	425178	H16097	Hs.161027	ESTs	2.6



	442952	AI743261	Hs.131860	ESTs	2.6
	428692	AI372822	Hs.110103	RNA polymerase I transcription factor RR	2.6
	456179	H75490	Hs.271930	ESTs	2.6
5	414136	AA812434	Hs.119023	SMC2 (structural maintenance of chromoso	2.6
	459456	AA488036	Hs.190124	ESTs	2.6
	425527	AI162032	Hs.158258	Homo sapiens mRNA; cDNA DKFZp434B1272 (f	2.6
	424711	NM_005795	Hs.152175	calcitonin receptor-like	2.6
	417956	AA210704	Hs.190465	ESTs	2.6
10	420621	AA278808		gb:zs79cd09.r1 NCI_CGAP_GCB1 Homo sapiens	2.6
	425698	NM_016112	Hs.159241	polycystic kidney disease 2-like 1	2.6
	438295	AI394151	Hs.37932	ESTs	2.6
	445550	AI242754	Hs.137306	ESTs	2.6
	450469	AI955049	Hs.281326	ESTs	2.6
15	458804	AL157625		gb:DKFZp761L2016_r1 761 (synonym: hamy2)	2.6
	443657	R14973		gb:Y42F10.s1 Soares fetal liver spleen	2.6
	429250	H56585	Hs.198308	tryptophan rich basic protein	2.6
	437906	AA771704	Hs.194626	ESTs	2.6
	426775	AA384564	Hs.108829	ESTs	2.6
20	443372	AI792557	Hs.133107	ESTs	2.6
	453785	AI368236	Hs.283732	ESTs, Moderately similar to ALU1_HUMAN A	2.6
	425465	L18984	Hs.1904	protein kinase C, iota	2.6
	422746	NM_004484	Hs.119651	glypican 3	2.6
	413450	Z39716	Hs.75372	N-acetylgalactosaminidase, alpha-	2.6
25	424527	AW138658	Hs.267158	ESTs, Weakly similar to I54374 gene NF2	2.6
	414180	AI853304	Hs.120805	Homo sapiens cDNA FLJ11448 fs, clone HE	2.6
	411402	BE297855	Hs.69855	NRAS-related gene	2.6
	445264	AI218263	Hs.323472	EST	2.6
	458861	AI630223		gb:ad06g08.r1 Proliferating Erythroid Ce	2.6
30	415227	AW821113	Hs.72402	ESTs	2.6
	435429	AW592035	Hs.254414	ESTs, Weakly similar to 1805195B RNA-bin	2.6
	434445	AI349306	Hs.11782	ESTs	2.6
	448570	AI923944	Hs.30913	ESTs	2.6
	452381	H23329	Hs.290880	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.6
35	422879	AI241409	Hs.188092	ESTs	2.6
	409026	AL137554	Hs.49927	protein kinase NYD-SP15	2.6
	425717	X07282	Hs.171495	retinoic acid receptor, beta	2.6
	429127	AA749382	Hs.118797	ubiquitin-conjugating enzyme E2D 3 (homo	2.6
	438298	H23542	Hs.181788	ESTs	2.6
40	442717	R88362	Hs.180591	ESTs, Weakly similar to T23976 hypotheti	2.6
	443555	N71710	Hs.21398	ESTs, Moderately similar to A Chain A, H	2.6
	444517	AI939339	Hs.146863	ESTs	2.6
	451813	NM_016117	Hs.27182	phospholipase A2-activating protein	2.6
	452453	AI902549		gb:QV-BT009-101198-051 BT009 Homo sapien	2.6
45	455870	AW452631	Hs.313803	ESTs, Highly similar to AF157833 1 noncl	2.6
	437939	AW298600	Hs.141840	ESTs, Weakly similar to S59501 interfero	2.6
	430719	AA489888	Hs.293796	ESTs	2.6
	452864	AA033714	Hs.287629	hypothetical protein FLJ14250	2.6
	432095	AW022273	Hs.105769	ESTs	2.6
50	431086	AI829692	Hs.211561	ESTs	2.6
	407783	AW996872	Hs.172028	a disintegrin and metalloproteinase doma	2.6
	423952	AW877787	Hs.136102	KIAA0853 protein	2.6
	453403	BE466639	Hs.61779	Homo sapiens cDNA FLJ13591 fs, clone PL	2.6
	408172	W02488	Hs.46039	phosphoglycerate mutase 2 (muscle)	2.6
55	430933	AW863635		gb:MR3-SN0010-270300-103-h02 SN0010 Homo	2.6
	420691	AA829433	Hs.275343	ESTs	2.6
	429761	AI276780	Hs.135173	ESTs	2.6
	437958	BE139550	Hs.121668	ESTs, Moderately similar to PC4259 feni	2.6
	407494	U10072		gb:Human forkhead family (AFX1) mRNA, pa	2.6
60	436464	AI016176	Hs.269783	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.6
	407137	T97307		gb:ye53h05.s1 Soares fetal liver spleen	2.6
	446223	BE300091	Hs.119699	hypothetical protein FLJ12969	2.6
	438647	AA813118	Hs.163230	ESTs	2.6
	438192	AI859055	Hs.337620	Homo sapiens AFG3L1 isoform 1 mRNA, part	2.6
65	417218	AA005247	Hs.285754	met proto-oncogene (hepatocyte growth fa	2.6
	440480	H92571	Hs.234478	Homo sapiens cDNA: FLJ22648 fs, clone H	2.6
	414612	BE274552	Hs.76578	protein inhibitor of activated STAT3	2.6
	428170	H05530	Hs.12565	ESTs	2.6
	457343	NM_013938	Hs.247862	olfactory receptor, family 12, subfamily	2.6
70	424020	R76946	Hs.39738	ESTs	2.6
	455226	AW902103		gb:QV0-NN1022-120500-220-c07 NN1022 Homo	2.6
	411965	BE467339	Hs.280115	ESTs	2.6
	432656	NM_000246	Hs.3076	MHC class II transactivator	2.6
	455488	AA102322		gb:z190X03.r1 Stratagene colon (937204)	2.6
75	434340	AI193043	Hs.128685	ESTs, Weakly similar to T17228 hypotheti	2.6
	404285				2.6
	418744	AI887288	Hs.196379	ESTs, Weakly similar to putative p150 [H]	2.6
	454714	AW615098		gb:QV4-ST0212-091199-023-F10 ST0212 Homo	2.6
	429628	AB019494	Hs.225767	IDN3 protein	2.6
80	436387	AA714760	Hs.240075	Homo sapiens cDNA FLJ13234 fs, clone OV	2.6
	448587	AI539652	Hs.28338	KIAA1546 protein	2.6
	432665	AI753709	Hs.152484	ESTs, Weakly similar to I38022 hypotheti	2.6
	440478	AA886461	Hs.208161	ESTs	2.6
	443160	AI467915	Hs.36053	ESTs	2.6

	428978	AA442784	Hs.125445	ESTs	2.5
	444670	H58373	Hs.332838	hypothetical protein MGC5370	2.5
	453459	BE047032	Hs.257789	ESTs	2.5
5	418122	R42778	Hs.22217	Homo sapiens clone IMAGE:32106, mRNA seq	2.5
	442875	BE623003	Hs.23625	Homo sapiens clone TCCCTA00142 mRNA sequ	2.5
	414373	AW162907	Hs.75969	proline-rich protein with nuclear target	2.5
	458760	AW98631	Hs.111334	ferritin, light polypeptide	2.5
	434131	AI858275	Hs.143659	ESTs	2.5
10	441805	AA285136	Hs.301914	neuronal specific transcription factor D	2.5
	457292	AI921270	Hs.334882	hypothetical protein FLJ14251	2.5
	417351	T90278	Hs.15049	ESTs	2.5
	409695	AA296961		gb:EST112514 Adrenal gland tumor Homo sa	2.5
	432824	AK001783	Hs.279012	hypothetical protein FLJ10921	2.5
15	436038	AI732629	Hs.194161	ESTs, Weakly similar to TA2R HUMAN, BETA	2.5
	454836	AW833711		gb:QV4-TT0008-251189-043-a11 TT0008 Homo	2.5
	453919	AW959912	Hs.7076	KIAA1705 protein	2.5
	422487	AJ010901	Hs.198267	mucin 4, tracheobronchial	2.5
	408727	AL137259	Hs.47115	hypothetical protein DKFZp434D0513	2.5
20	427491	R43279	Hs.22574	ESTs, Weakly similar to I36022 hypotheti	2.5
	435102	AW999053	Hs.76917	F-box only protein 8	2.5
	409617	BE003760	Hs.55209	Homo sapiens mRNA; cDNA DKFZp434K0514 (f	2.5
	455866	BE148024		gb:CMO-HT0249-291099-084-c04 HT0249 Homo	2.5
	432887	AI926047	Hs.162859	ESTs	2.5
25	407756	AA116021	Hs.36260	ubiquitin specific protease 18	2.5
	401078				2.5
	410365	AI287518	Hs.62669	Homo sapiens mRNA; cDNA DKFZp586D0923 (f	2.5
	425201	AA352111		gb:EST60061 Activated T-cells XX Homo sa	2.5
	457112	AW772449	Hs.268081	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.5
30	455252	AW876627		gb:RC3-PT0028-120200-013-d11 PT0028 Homo	2.5
	444542	AI161293	Hs.280380	aminopeptidase	2.5
	419249	X14767	Hs.89765	gamma-aminobutyric acid (GABA) A recepto	2.5
	428497	BE010877	Hs.98584	ESTs	2.5
	457336	AW969657	Hs.291029	ESTs	2.5
35	427621	BE621182	Hs.178862	hypothetical protein FLJ12443	2.5
	423782	AI472209	Hs.323117	ESTs	2.5
	430403	AF039390	Hs.241382	tumor necrosis factor (ligand) superfamily	2.5
	429927	NM_001115	Hs.2522	adenylate cyclase 8 (brain)	2.5
	408562	AI438323	Hs.31141	Homo sapiens mRNA for KIAA1568 protein,	2.5
40	417137	U46265	Hs.81281	mitochondrial ribosomal protein S21	2.5
	436787	AA908554	Hs.192756	ESTs	2.5
	440331	AL046412	Hs.202151	ESTs	2.5
	429716	R25685	Hs.211933	collagen, type XIII, alpha 1	2.5
	417169	R13550	Hs.246773	ESTs	2.5
45	453020	AL162039	Hs.31422	Homo sapiens mRNA; cDNA DKFZp434M229 (fr	2.5
	455286	BE144384		gb:MR0-HT0166-191199-004-c11 HT0166 Homo	2.5
	450564	AJ245587	Hs.25275	Kruppel-type zinc finger protein	2.5
	400432	AX016809	Hs.287767	Sequence 8 from Patent WO9960285	2.5
	415747	AA381209		gb:EST94257 Activated T-cells I Homo sap	2.5
50	446346	AI290205	Hs.309940	ESTs	2.5
	450209	AW008921	Hs.13138	Homo sapiens, clone IMAGE:3448343, mRNA,	2.5
	453202	AW085781	Hs.26270	hypothetical protein FLJ11588	2.5
	425523	AB007943	Hs.158244	KIAA0479 protein	2.5
	433124	U51712	Hs.13775	hypothetical protein SMAP31	2.5
55	408741	M73720	Hs.646	carboxypeptidase A3 (mast cell)	2.5
	425557	T89839	Hs.119471	ESTs	2.5
	401254				2.5
	426604	H53354	Hs.97141	ESTs, Weakly similar to hypothetical pro	2.5
	449535	W15267	Hs.23672	low density lipoprotein receptor-related	2.5
60	433138	AB025496	Hs.59729	semaphorin sem2	2.5
	425804	BE501898	Hs.258189	ESTs	2.5
	429515	AL031228	Hs.204370	DNA segment on chromosome 6 (unique, pse	2.5
	437267	AW511443	Hs.258110	ESTs	2.5
	454305	BE052633	Hs.28338	KIAA1546 protein	2.5
65	455631	BE063031		gb:MR0-BT0265-231199-002-e09 BT0265 Homo	2.5
	401878				2.5
	450350	T97817	Hs.174880	ESTs	2.5
	436532	AA721522		gb:mv54h12.r1 NCL_CGAP_Ew1 Homo sapiens	2.5
70	457450	AI143312	Hs.129206	casein kinase 1, gamma 3	2.5
	427304	AA761626	Hs.163853	ESTs	2.5
	419721	NM_001650	Hs.288650	aquaporin 4	2.5
	431699	NM_001173	Hs.267831	Rho GTPase activating protein 5	2.5
	446252	AI283125	Hs.150009	ESTs	2.5
	421229	AI056590	Hs.7086	hypothetical protein MGC12435	2.5
75	434273	AA913143	Hs.26303	ESTs	2.5
	456088	BE177320	Hs.156148	hypothetical protein FLJ13231	2.5
	434353	AA630863	Hs.131375	ESTs, Moderately similar to ALUB_HUMAN I	2.5
	436198	AK001125	Hs.300922	Homo sapiens cDNA FLJ10263 fls, clone HE	2.5
	452232	AW020603	Hs.159423	radial spoke protein 3	2.5
80	433764	AW753676	Hs.39982	ESTs	2.5
	412050	H96503	Hs.109087	Homo sapiens cDNA: FLJ22845 fls, clone K	2.5
	422342	AA309272		gb:EST180209 Liver, hepatocellular carci	2.5
	427510	Z47542	Hs.179312	small nuclear RNA activating complex, po	2.5
	428336	AA503115	Hs.183752	microseminoprotein, beta-	2.5

	408813	AI580090	Hs.48295	RNA helicase family	2.5
	414109	BE250744		gb:600943376F1 NIH_MGC_17 Homo sapiens c	2.5
	451678	AA374181	Hs.26799	DKFZP564D0764 protein	2.5
5	419985	H66373	Hs.15973	ESTs, Highly similar to bA393J16.3 [H.s.a	2.5
	417859	T26453		gb:AB214F6R Infant brain, LLNL array of	2.5
	434334	AA912476	Hs.116750	Homo sapiens cDNA FLJ13221 fis, clone NT	2.5
	448015	AI458065	Hs.23196	ESTs	2.5
10	454190	AW177821		gb:IL3-HT0059-180899-007-C05 HT0059 Homo	2.5
	445865	AI262584	Hs.145575	ESTs	2.5
	451800	AW977435	Hs.323867	ESTs	2.5
	456987	AI557290	Hs.173536	ESTs	2.5
	403568				2.5
	435209	AW027809	Hs.187698	Homo sapiens cytomegalovirus partial fus	2.5
15	430371	DB7466	Hs.240112	KIAA0276 protein	2.5
	418033	W88180	Hs.259855	elongation factor-2 kinase	2.5
	412095	AI624707	Hs.5921	Homo sapiens cDNA: FLJ21592 fis, clone C	2.5
	453519	H87548	Hs.33922	Homo sapiens, clone MGC:9084, mRNA, comp	2.5
	431071	AA491379		gb:aa6505.r1 NCL CGAP_GCB1 Homo sapiens	2.5
20	407939	W05608	Hs.312679	ESTs, Weakly similar to A49019 dynein he	2.5
	409045	AA635062	Hs.50094	Homo sapiens mRNA: cDNA DKFZp434O0515 (f	2.5
	444575	AI264847	Hs.22545	Homo sapiens cDNA FLJ12935 fis, clone NT	2.5
	408420	NM_006915	Hs.44766	retinitis pigmentosa 2 (X-linked recessi	2.4
	417318	AW953937	Hs.12891	ESTs	2.4
25	413382	BE090689		gb:RC1-BT0720-280300-011-f08 BT0720 Homo	2.4
	406748	AW339105	Hs.217493	annexin A2	2.4
	445898	AF070523	Hs.13423	Homo sapiens clone 24468 mRNA sequence	2.4
	441817	AW969706	Hs.283332	ESTs	2.4
	450551	AJ010046	Hs.25155	neuroepithelial cell transforming gene 1	2.4
30	457940	AI380159	Hs.306517	Homo sapiens TRP-like motif protein ps	2.4
	446135	AW130288	Hs.170318	hypothetical protein FLJ10147	2.4
	436907	AA737171	Hs.131809	ESTs	2.4
	429399	AA452244	Hs.16727	ESTs	2.4
	446782	AL050295	Hs.22039	KIAA0758 protein	2.4
35	434404	AW445034	Hs.256578	ESTs	2.4
	428571	NM_006531	Hs.2291	Probe hTg737 (polycystic kidney disease,	2.4
	448164	R61680	Hs.26904	ESTs, Moderately similar to Z195_HUMAN Z	2.4
	442295	AI827248	Hs.224398	Homo sapiens cDNA FLJ11469 fis, clone HE	2.4
40	450705	U90304	Hs.25351	iroquois homeobox protein 5	2.4
	425508	NM_003666	Hs.168205	basic leucine zipper nuclear factor 1 (J	2.4
	423961	D13666	Hs.138348	osteoblast specific factor 2 (fasclatin	2.4
	458986	AI802772	Hs.208655	ESTs	2.4
	443861	AW449462	Hs.134743	ESTs	2.4
	412879	BE092219		gb:IL2-BT0734-240400-071-B04 BT0734 Homo	2.4
45	415250	F02614	Hs.27319	ESTs	2.4
	434627	AI221894	Hs.39311	ESTs	2.4
	443919	AI091284	Hs.135224	ESTs, Weakly similar to A47582 B-cell gr	2.4
	440400	AA994364	Hs.125594	ESTs, Weakly similar to T25472 hypofibr	2.4
	400385	NM_020389	Hs.283104	putative capacitative calcium channel	2.4
50	411322	AW887330	Hs.172405	cell division cycle 27	2.4
	434638	H50758		gb:yp86e06.r1 Soares fetal liver spleen	2.4
	436558	AF209198	Hs.42636	zinc finger protein 277	2.4
	447849	AI538147	Hs.164277	ESTs	2.4
	448005	AW207437	Hs.170378	ESTs	2.4
55	454201	AB023191	Hs.44131	KIAA0974 protein	2.4
	456869	BE467912	Hs.154294	discs, large (Drosophila) homolog 1	2.4
	449486	AI652715	Hs.270811	ESTs	2.4
	421516	AI352418	Hs.105379	FT005 protein	2.4
	412167	AW897230		gb:CM0-NN0057-150400-335-at1 NN0057 Homo	2.4
60	426910	AA470023	Hs.190089	ESTs, Moderately similar to ALU1_HUMAN A	2.4
	429673	AA884407	Hs.211595	protein tyrosine phosphatase, non-recept	2.4
	400641				2.4
	430576	AA767125	Hs.293574	ESTs	2.4
	434423	NM_006769	Hs.3844	LIM domain only 4	2.4
65	412104	AW205187	Hs.240951	Homo sapiens, Similar to RIKEN cDNA 2210	2.4
	441499	AW298235	Hs.101689	ESTs	2.4
	418113	AI272141	Hs.83484	SRY (sex determining region Y)-box 4	2.4
	417819	AI253112	Hs.133540	ESTs	2.4
	431728	NM_007351	Hs.268107	multimerin	2.4
70	425025	AW953168	Hs.12407	ESTs	2.4
	421168	AF182277	Hs.330780	cytochrome P450, subfamily IIB (phenobar	2.4
	409432	D49372	Hs.54460	small inducible cytokine subfamily A (Cy	2.4
	408867	AA437199	Hs.656	cell division cycle 25C	2.4
	439446	AI927629	Hs.57873	ESTs	2.4
75	445038	AI635444	Hs.143917	dJ467N11.1 protein	2.4
	450682	Z42893	Hs.25320	Homo sapiens clone 25142 mRNA sequence	2.4
	455107	BE154113		gb:PM1-HT0340-151299-003-a08 HT0340 Homo	2.4
	458624	AI362790	Hs.278639	KIAA1684 protein; likely homolog of mous	2.4
	449523	NM_000579	Hs.54443	chemokine (C-C motif) receptor 5	2.4
80	428784	Y12851	Hs.193470	purinergic receptor P2X, ligand-gated io	2.4
	453864	AW021407	Hs.21068	hypothetical protein	2.4
	426497	AA379913		gb:EST92807 Skin tumor 1 Homo sapiens cD	2.4
	418203	X54942		CDC28 protein kinase 2	2.4
	426603	AA382291	Hs.83758	gb:EST95683 Testis 1 Homo sapiens cDNA 5	2.4

	447357	AI375922	Hs.159367	ESTs	2.4
	452631	AI188658	Hs.87496	ESTs	2.4
	405041				2.4
	405472				2.4
5	409744	AW675258	Hs.56265	Homo sapiens mRNA; cDNA DKFZp586P2321 (f	2.4
	433868	AA812960	Hs.337300	ESTs	2.4
	437119	AI379921	Hs.177043	ESTs	2.4
	455114	AW857121		gb:RC1-CT0302-040400-017-a12 CT0302 Homo	2.4
10	431613	AA018515	Hs.264482	Homo sapiens mRNA; cDNA DKFZp761A0411 (f	2.4
	434936	AI285970	Hs.183817	ESTs	2.4
	408918	BE218603	Hs.279708	ESTs	2.4
	444106	AI123922	Hs.138216	Homo sapiens cDNA FLJ11400 fis, clone HE	2.4
	416580	T61572	Hs.79385	Human clone Z3574 mRNA sequence	2.4
	430299	W28673	Hs.106747	serine carboxypeptidase 1 precursor prot	2.4
15	446659	AI335361	Hs.226376	ESTs	2.4
	418636	AW749855		gb:QV4-BT0534-281299-053-c05 BT0534 Homo	2.4
	434995	AW974995		gb:EST387100 MAGE resequences, MAGN Homo	2.4
	438005	BE151746		gb:PM1-HT0305-061299-003-a06 HT0305 Homo	2.4
	444755	AA431791	Hs.113823	ClpX (caseinolytic protease X, E. coli)	2.4
20	427131	AA448460	Hs.112017	GE36 gene	2.4
	442039	AW276240	Hs.128352	ESTs	2.4
	446595	AB014544	Hs.21572	KIAA0644 gene product	2.4
	432949	AA570749	Hs.298866	ESTs	2.4
	444314	AI140497		gb:ow76b09.s1 Soares_fetal_liver_spleen_	2.4
25	417420	T85150	Hs.268814	ESTs	2.4
	427551	T96203		gb:ye48b07.r1 Soares fetal liver spleen	2.4
	420057	AA806899	Hs.184387	ESTs	2.4
	434950	AW974892		gb:EST386997 MAGE resequences, MAGN Homo	2.4
30	425497	AA524596		gb:nh34b02.s1 NCI_CGAP_Py3 Homo sapiens	2.4
	438214	H08076	Hs.26320	TRABID protein	2.4
	418100	H18700	Hs.258799	ESTs	2.4
	419637	W27493		gb:31k10 Human retina cDNA randomly prim	2.4
	449432	AW451361	Hs.196529	ESTs	2.4
35	454403	BE065985		gb:RC3-BT0319-120200-014-a09 BT0319 Homo	2.4
	419179	AW275291	Hs.113009	hypothetical protein FLJ22527	2.4
	436391	AJ227892	Hs.148274	ESTs	2.4
	449511	AI436187	Hs.296261	guanine nucleotide binding protein (G pr	2.4
	447499	AW262580	Hs.147674	protocadherin beta 16	2.4
40	407244	M10014	Hs.75431	fibrinogen, gamma polypeptide	2.4
	412877	BE011168		gb:PM3-BN0218-100500-003-d08 BN0218 Homo	2.4
	435985	AA703154	Hs.191934	ESTs	2.4
	440674	BE551546		gb:601347208F1 NIH_MGC_8 Homo sapiens cD	2.4
	446476	AW294072	Hs.141376	ESTs	2.4
	444100	AA383343	Hs.22116	CDC14 (cell division cycle 14, S. cerevi	2.4
45	435731	AA699581	Hs.186811	ESTs	2.4
	437105	AA744554	Hs.222127	ESTs	2.4
	406091				2.4
	457024	AA397546	Hs.119151	ESTs	2.4
50	404249				2.4
	419556	U29615	Hs.91093	chitinase 1 (chitinobiosidase)	2.4
	424943	AJ077260	Hs.153924	death-associated protein kinase 1	2.4
	444229	AV648613	Hs.282397	ESTs	2.4
	404860				2.4
55	432223	AA333283	Hs.121001	Homo sapiens, clone IMAGE:3460280, mRNA	2.4
	410467	AF102546	Hs.63931	dactshund (Drosophila) homolog	2.4
	420843	H96982	Hs.42321	ESTs	2.4
	434927	H48812	Hs.293615	Homo sapiens HSPC285 mRNA, partial cds	2.4
	413642	BE154837		gb:PM1-HT0345-121199-001-c08 HT0345 Homo	2.4
60	436996	AA745625	Hs.291414	ESTs, Weakly similar to ALU8_HUMAN ALU S	2.4
	441235	AI884586	Hs.135570	Homo sapiens cDNA: FLJ21268 fis, clone C	2.4
	445748	U80766	Hs.13252	Human EST clone Z2453 mariner transposon	2.4
	451018	AW955599	Hs.247324	mitochondrial ribosomal protein S14	2.4
	409073	AA083459		gb:zt71a07.s1 Soares_pineal_gland_N3HPG	2.3
65	418782	AJ792548	Hs.14665	ESTs	2.3
	447870	BE139479	Hs.161492	ESTs	2.3
	437370	AL358567	Hs.161962	Homo sapiens mRNA; cDNA DKFZp547D023 (fr	2.3
	424765	AA428211	Hs.284256	hypothetical protein FLJ14033 similar to	2.3
	407386	AA610150	Hs.272072	ESTs, Weakly similar to I38022 hypotheti	2.3
	424049	AB014524	Hs.136380	KIAA0624 protein	2.3
70	425398	AL049689	Hs.156369	hypothetical protein similar to tenascin	2.3
	430702	U56979	Hs.250651	H factor 1 (complement)	2.3
	409620	AA076278	Hs.13277	hypothetical protein FLJ22054	2.3
	441675	AI914329	Hs.5461	ESTs	2.3
	430884	AF053748	Hs.248114	glial cell derived neurotrophic factor	2.3
75	445523	Z30118	Hs.283788	ESTs, Moderately similar to unnamed prot	2.3
	416972	BE019670		gb:bb28c01.x1 NIH_MGC_5 Homo sapiens cDN	2.3
	443547	AW271273	Hs.23767	hypothetical protein FLJ12865	2.3
	417583	AA668782	Hs.191284	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.3
80	422182	AL043892	Hs.180582	Homo sapiens cDNA: FLJ21836 fis, clone H	2.3
	404513				2.3
	410999	AW813004		gb:RC3-ST0186-230300-019-h02 BT0186 Homo	2.3
	448508	AI524673	Hs.36170	ESTs	2.3
	434811	AW971205	Hs.114280	ESTs	2.3

	457065	AI476318	Hs.192480	ESTs	2.3
	407945	X59208	Hs.606	ATPase, Cu++ transporting, alpha polypep	2.3
	419865	NM_007020	Hs.93502	U1-snRNP binding protein homolog (70kD)	2.3
	423586	AA328195	Hs.234101	ESTs, Weakly similar to CTL1 protein (H	2.3
5	455807	BE141140		gb:MR0-HT0075-021299-006-d07 HT0075 Homo	2.3
	435867	AA954229	Hs.114052	ESTs	2.3
	440196	N72847	Hs.125221	ESTs	2.3
	401213				2.3
10	407291	AA001464		gb:ze45b01.r1 Soares retina N2b4HR Homo	2.3
	442490	AW865078	Hs.30212	thyroid receptor interacting protein 15	2.3
	452943	BE247449	Hs.31082	hypothetical protein FLJ10525	2.3
	438138	R98299	Hs.177502	ESTs	2.3
	440283	AI732892	Hs.190489	ESTs	2.3
	447039	AV651798	Hs.282915	ESTs	2.3
15	412777	AI335773	Hs.270123	ESTs	2.3
	421424	AW452890	Hs.258776	ESTs	2.3
	406673	M34996	Hs.198253	major histocompatibility complex, class	2.3
	440555	D31292	Hs.6853	hypothetical protein FLJ22167	2.3
20	451516	AI800515	Hs.12024	ESTs	2.3
	424690	BE538356	Hs.151777	eukaryotic translation initiation factor	2.3
	421046	AA810854	Hs.89081	ESTs	2.3
	423604	AA486585	Hs.258901	ESTs	2.3
	409029	BE087807		gb:QV1-BT0681-290400-181-g02 BT0681 Homo	2.3
25	444206	AW301017	Hs.146492	ESTs	2.3
	451836	T63673	Hs.173220	ESTs	2.3
	454784	AW820626		gb:RC0-ST0299-180100-012-e10 ST0299 Homo	2.3
	423673	BE003054	Hs.1695	matrix metalloproteinase 12 (macrophage	2.3
	436671	AW137159	Hs.146151	ESTs	2.3
30	434988	AI418055	Hs.161160	ESTs	2.3
	452862	AW378065	Hs.8687	ESTs	2.3
	439480	AL038511	Hs.125316	ESTs, Weakly similar to S33990 finger pr	2.3
	410606	AW418779	Hs.114889	ESTs	2.3
	426535	AU077012	Hs.288582	ESTs, Weakly similar to ubiquitous TPR m	2.3
35	432239	X81334	Hs.2938	matrix metalloproteinase 13 (collagenase	2.3
	430217	N47863	Hs.336901	ribosomal protein S24	2.3
	417479	AI057052	Hs.133554	ESTs, Weakly similar to Z195_HUMAN ZINC	2.3
	421253	AI188102	Hs.31028	ESTs	2.3
	438180	AA808189	Hs.272151	ESTs	2.3
40	439715	AA524504	Hs.42612	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.3
	441398	AA932398	Hs.292036	ESTs, Weakly similar to B34087 hypotheti	2.3
	443055	AV653742	Hs.15536	hypothetical protein DKFZp761J139	2.3
	413585	AI133452	Hs.75431	fibrinogen, gamma polypeptide	2.3
	448831	AL080123	Hs.22182	zinc finger protein 23 (K0X 16)	2.3
45	412953	Z45794	Hs.238809	ESTs	2.3
	430789	AA632577	Hs.310235	ESTs, Weakly similar to I78885 serine/th	2.3
	422757	AI909936	Hs.85551	Homo sapiens, Similar to DNA segment, Ch	2.3
	423003	AL120077	Hs.122967	kelch (Drosophila)-like 2 (Mayven)	2.3
	428595	AB037795	Hs.188547	KIAA1374 protein	2.3
50	437887	AA811524	Hs.29283	hypothetical protein FLJ11896	2.3
	447720	AL038765	Hs.161304	ESTs	2.3
	452355	N54926	Hs.29202	G protein-coupled receptor 34	2.3
	408374	AW025430	Hs.155591	forkhead box F1	2.3
	440381	AA917808	Hs.190496	ESTs	2.3
55	425478	AB007953	Hs.268840	ESTs	2.3
	432231	AA339977	Hs.274127	CLST 11240 protein	2.3
	431757	AA195930	Hs.268526	Homo sapiens chromosome 21q22.1 anonymou	2.3
	417517	AF001176	Hs.82238	POP4 (processing of precursor, S. cerev	2.3
	452837	AL121053	Hs.5534	Homo sapiens cDNA FLJ12961 fis, clone NT	2.3
60	417425	NM_002291	Hs.82124	fam11n, beta 1	2.3
	423739	AA398155	Hs.97600	ESTs	2.3
	416847	L43821	Hs.80261	enhancer of filamentation 1 (cas-like do	2.3
	425876	AW005867	Hs.234058	ESTs	2.3
	457411	AW085961	Hs.130093	ESTs	2.3
65	413136	BE066941		gb:PM0-BT0340-091299-002-a11 BT0340 Homo	2.3
	420313	AB023230	Hs.96427	KIAA1013 protein	2.3
	421751	AW813731	Hs.159153	ESTs, Moderately similar to S66557 alpha	2.3
	424827	AI057094	Hs.95867	Homo sapiens cDNA: FLJ23155 fis, clone L	2.3
	436331	AI239495	Hs.120189	ESTs	2.3
70	439275	AF086093	Hs.141566	ESTs	2.3
	449272	AW137656	Hs.197645	ESTs	2.3
	454352	AW389568		gb:RC2-ST0168-071299-013-R06 ST0168 Homo	2.3
	428758	AA433988	Hs.98502	hypothetical protein FLJ14303	2.3
	407242	M18728		gb:Human nonspecific crossreacting antig	2.3
	445325	AI220072	Hs.165893	ESTs	2.3
75	423778	Y09267	Hs.132821	flavin containing monooxygenase 2	2.3
	452607	AI160029	Hs.61438	ESTs	2.3
	423161	AL049227	Hs.124776	Homo sapiens mRNA; cDNA DKFZp564N1116 (f	2.3
	418851	AI417828	Hs.192435	ESTs	2.3
	458332	AI000341	Hs.220491	ESTs	2.3
80	432565	AA553477	Hs.152428	ESTs	2.3
	437511	AI807500	Hs.125247	ESTs	2.3
	430967	AI937072	Hs.55043	Homo sapiens cDNA FLJ13277 fis, clone OV	2.3
	425898	AA365549	Hs.269478	ESTs, Weakly similar to PC4269 fertilin	2.3

	448225	AI476429	Hs.19238	ESTs	2.3
	408955	BE315170	Hs.8087	NAG-5 protein	2.3
	416509	N57713	Hs.260899	ESTs, Moderately similar to ZN91_HUMAN Z	2.3
5	419699	AA248998	Hs.173044	ESTs, Weakly similar to I38022 hypothetical	2.3
	428976	AL037824	Hs.194695	ras homolog gene family, member I	2.3
	458925	R15891	Hs.281587	Human (clone CTG-AA) mRNA sequence	2.3
	440348	AW015802	Hs.47023	ESTs	2.3
	436340	R42246	Hs.21606	ESTs	2.3
	444190	AI878918	Hs.10526	cysteine and glycine-rich protein 2	2.3
10	438462	AI624122	Hs.89578	general transcription factor IIIH, polype	2.3
	411124	AW196937	Hs.53929	ESTs, Weakly similar to ALUB_HUMAN III	2.3
	442138	AA445973	Hs.13303	Homo sapiens cDNA: FLJ21784 fls, clone H	2.3
	412505	AA974491	Hs.21734	ESTs	2.3
	418236	AW994005	Hs.337534	ESTs	2.3
15	423582	BE000831	Hs.23837	Homo sapiens cDNA FLJ11812 fls, clone HE	2.3
	453901	BE065902		gb:RC2-BT0318-150200-011-b09 BT0318 Homo	2.3
	418565	AK001529	Hs.86149	phosphoinositol 3-phosphate-binding prot	2.3
	433404	T32982	Hs.102720	ESTs	2.3
	409517	X90780	Hs.120036	tropomyosin I, cardiac	2.3
20	439871	R88518	Hs.46736	hypothetical protein FLJ23476	2.3
	445641	AI245987	Hs.149442	ESTs	2.3
	449276	AW241510	Hs.252713	ESTs	2.3
	436547	AJ297351	Hs.30824	leucine zipper transcription factor-like	2.3
	437770	AA767881	Hs.122897	ESTs	2.3
25	430064	AA062954	Hs.141683	ESTs	2.3
	442607	AA507576	Hs.288361	Homo sapiens cDNA: FLJ22698 fls, clone H	2.3
	449869	W57990	Hs.60059	Homo sapiens cDNA FLJ11478 fls, clone HE	2.3
	422108	AA297914	Hs.111749	postmeiotic segregation increased (S. ce	2.3
	418251	AA832123	Hs.177723	ESTs	2.3
30	432005	AA524190	Hs.120777	ESTs, Weakly similar to ELL2_HUMAN RNA P	2.3
	413638	H71252		gb:ys12h12.s1 Soares fetal liver spleen	2.3
	415980	R52414		gb:yg80b05.r1 Soares infant brain INIB H	2.3
	449232	AW192780	Hs.196080	ESTs	2.3
	430882	BE174240	Hs.79024	heterogeneous nuclear ribonucleoprotein	2.3
35	454389	AW752571		gb:IL3-CT0213-170100-055-F02 CT0213 Homo	2.3
	438089	W06391	Hs.83623	nuclear receptor subfamily 1, group I, m	2.3
	400238				2.3
	404488				2.3
	407809	AW082279	Hs.244105	ESTs	2.3
40	412303	AW936336		gb:QV4-DT0021-281299-070-g11 DT0021 Homo	2.3
	420478	AA521259	Hs.193796	ESTs	2.3
	422711	D60841	Hs.21739	Homo sapiens mRNA; cDNA DKFZp5861518 (f	2.3
	424073	U03493	Hs.138959	gap junction protein, alpha 7, 45kd (con	2.3
	426567	AA381579	Hs.182962	ESTs	2.3
45	435708	AI362949	Hs.75169	ESTs	2.3
	441417	AI733287	Hs.144474	ESTs	2.3
	445117	AI208754	Hs.147369	ESTs	2.3
	447197	R36075		gb:yh88b01.s1 Soares placenta Nb2HP Homo	2.3
50	434228	Z42047	Hs.283978	Homo sapiens PRO2751 mRNA, complete cds	2.2
	445527	W39694	Hs.83286	ESTs, Weakly similar to S14747 sphingomy	2.2
	445280	AW055063	Hs.306088	v-crk avian sarcoma virus CT10 oncogene	2.2
	420653	AI224532	Hs.88560	ESTs	2.2
	419926	AW900992	Hs.93796	DKFZP586D2223 protein	2.2
	447541	AK000288	Hs.18800	hypothetical protein FLJ20281	2.2
55	424408	AI754813	Hs.146428	collagen, type V, alpha 1	2.2
	411893	R82945	Hs.273789	ESTs	2.2
	428192	AA424051	Hs.304742	ESTs	2.2
	435634	T82384		gb:yc14f05.r1 Stratagene lung (937210) H	2.2
60	437637	AJ003029	Hs.65792	synaptophysin, gamma 2	2.2
	438018	AK001160	Hs.5999	hypothetical protein FLJ10298	2.2
	446164	AW273539	Hs.288750	hypothetical protein FLJ23577	2.2
	450232	BE300815	Hs.201326	ESTs	2.2
	439699	AF086534	Hs.187561	ESTs, Moderately similar to ALU1_HUMAN A	2.2
	402745				2.2
65	434008	AA740878	Hs.112982	ESTs	2.2
	439492	AF086310	Hs.103159	ESTs	2.2
	436853	BE328074	Hs.148661	ESTs	2.2
	417648	R06552		gb:yl09e12.r1 Soares fetal liver spleen	2.2
	427690	AI253134	Hs.283410	ESTs	2.2
70	414217	AI309298	Hs.279898	Homo sapiens cDNA: FLJ23165 fls, clone L	2.2
	450229	R18717	Hs.8929	hypothetical protein FLJ11362	2.2
	400756				2.2
	408447	AK002089	Hs.45080	Homo sapiens cDNA FLJ11227 fls, clone PL	2.2
	403388				2.2
75	433643	AI821787	Hs.179586	ESTs	2.2
	442078	AW268583	Hs.262629	ESTs	2.2
	455685	BE066976		gb:PMO-BT0340-211299-003-c12 BT0340 Homo	2.2
	432242	AW022715	Hs.162160	ESTs, Weakly similar to ALU4_HUMAN ALU S	2.2
80	439920	H05430	Hs.288433	neurotrophin	2.2
	432436	AW300248	Hs.181693	ESTs	2.2
	429493	AL134708	Hs.145998	ESTs	2.2
	425556	AA359291	Hs.130767	Homo sapiens cDNA: FLJ23553 fls, clone L	2.2
	450101	AV649989	Hs.24385	Human hbc547 mRNA sequence	2.2

	442757	AI739528	Hs.28345	ESTs	2.2
	430212	AA469153		gb:nc67104.s1 NCL_CGAP_Pr1 Homo sapiens	2.2
	437146	AA730877		gb:mv55f06.s1 NCL_CGAP_Ew1 Homo sapiens	2.2
5	432101	AI918950	Hs.123642	EphA3	2.2
	459644				2.2
	453887	BE564037	Hs.36237	hypothetical protein	2.2
	431170	AW971246	Hs.291022	ESTs	2.2
	428062	AA420683	Hs.98321	hypothetical protein FLJ14103	2.2
10	443682	AI383061	Hs.47248	ESTs, Highly similar to similar to Cdc14	2.2
	400441	M15530	Hs.99879	B-cell growth factor 1 (12kD)	2.2
	453874	AW591783	Hs.36131	collagen, type XIV, alpha 1 (undulin)	2.2
	425810	AI923827	Hs.31903	ESTs	2.2
	433037	NM_014158	Hs.279938	HSPC067 protein	2.2
15	407162	N63855	Hs.142634	zinc finger protein	2.2
	441826	AW503603	Hs.125915	phosphotriesterase related	2.2
	446901	AI347274		gb:tc05d02.x1 NCL_CGAP_Co18 Homo sapiens	2.2
	454766	AW686497		gb:QV4-SN0024-170400-178-e07 SN0024 Homo	2.2
	414221	AW450979		gb:U1-H-B13-afa-a-12-0-U1.s1 NCL_CGAP_Su	2.2
20	459608	AL119471		gb:DKFZp761M141_r1 761 (synonym: hary2)	2.2
	400639				2.2
	406149				2.2
	424027	AW337575	Hs.201591	ESTs	2.2
	427531	AA405097	Hs.97957	ESTs	2.2
25	448353	BE407125	Hs.231510	ESTs	2.2
	417669	T99888		gb:ya58g01.r1 Soares fetal liver spleen	2.2
	449650	AF055575	Hs.23838	calcium channel, voltage-dependent, L ty	2.2
	452335	AW188944	Hs.61272	ESTs	2.2
	419216	AJ076718	Hs.164021	small inducible cytokine subfamily B (Cy	2.2
30	447748	AI422023	Hs.161338	ESTs	2.2
	403534				2.2
	410594	AW770778	Hs.281238	ESTs	2.2
	438650	AW978002	Hs.258402	ESTs	2.2
	439626	N22415	Hs.189080	ESTs	2.2
35	444540	AI693927	Hs.265165	ESTs	2.2
	450024	AA006129		gb:zh90h08.r1 Soares fetal liver spleen	2.2
	450221	AA328102	Hs.24641	cytoskeleton associated protein 2	2.2
	439443	AF086261	Hs.127892	ESTs	2.2
	418824	AW751661	Hs.53542	choreoacanthocytosis gene; KIAA0986 prot	2.2
40	451273	NM_014811	Hs.26163	KIAA0649 gene product	2.2
	430607	AW973521	Hs.247324	mitochondrial ribosomal protein S14	2.2
	432702	AW973953	Hs.293744	ESTs	2.2
	414195	BE253293	Hs.89605	cholinergic receptor, nicotinic, alpha p	2.2
	425570	AA369558		gb:EST68590 Fetal lung II Homo sapiens c	2.2
45	414935	C15671		gb:C15671 Clontech human aorta polyA+ mR	2.2
	453153	N53893	Hs.24360	ESTs	2.2
	430832	AI073913	Hs.100686	ESTs, Weakly similar to JE0350 Anterior	2.2
	439867	AA847510	Hs.161292	ESTs	2.2
	419780	AA713522	Hs.87752	ESTs	2.2
50	433420	AI674093	Hs.293951	ESTs, Moderately similar to putative DNA	2.2
	434690	AI867679	Hs.148410	ESTs	2.2
	436572	AA723274	Hs.279596	ESTs	2.2
	447044	AF030107	Hs.17165	regulator of G-protein signaling 13	2.2
	431688	AA513905		gb:mg57c08.s1 NCL_CGAP_Uip2 Homo sapiens	2.2
	403133				2.2
55	414885	AA157531	Hs.269276	ESTs, Moderately similar to S65657 alpha	2.2
	432111	AW972777		gb:EST384871 MAGE resequences, MAGL Homo	2.2
	410073	AW408163	Hs.58488	catenin (cadherin-associated protein), a	2.2
	448859	AI792798	Hs.12496	ESTs, Weakly similar to ALU4_HUMAN ALU 6	2.2
60	429525	N32540	Hs.205353	ectonucleoside triphosphate diphosphohyd	2.2
	446565	D13757	Hs.311	phosphatibosyl pyrophosphate amidotransf	2.2
	422386	AF105374	Hs.115830	heparan sulfate (glucosamine) 3-O-sulfot	2.2
	406687	M31126	Hs.272620	pregnancy specific beta-1-glycoprotein 9	2.2
	403378				2.2
65	431369	BE184456	Hs.251754	secretory leukocyte protease inhibitor (	2.2
	438580	AA811262	Hs.299202	ESTs	2.2
	409191	AW818390	Hs.175613	homolog of Xenopus Casp1n	2.2
	412282	BE160188		gb:QV1-HT0413-010200-059-g05 HT0413 Homo	2.2
	411966	AA099113	Hs.118609	ESTs	2.2
70	443915	ZA0763	Hs.135292	ESTs	2.2
	427785	X81053	Hs.180828	collagen, type IV, alpha 4	2.2
	445094	AK001760	Hs.13801	KIAA1685 protein	2.2
	436496	AA742221	Hs.120633	ESTs	2.2
	411139	AW819481		gb:RGS-ST0293-061299-031-C03 ST0293 Homo	2.2
	409070	AA063003	Hs.224560	ESTs	2.2
75	432713	AL116623	Hs.29494	PRO1912 protein	2.2
	419384	AA490866	Hs.39429	ESTs	2.2
	418858	AW961605	Hs.21145	hypothetical protein RG083M05.2	2.2
	408444	AW661839	Hs.253204	ESTs	2.2
	432128	AA127221	Hs.117037	ESTs	2.2
80	418027	AB037807	Hs.83293	hypothetical protein	2.2
	446060	Z42061	Hs.27004	ESTs	2.2
	436196	AK001084	Hs.333498	Homo sapiens cDNA FLJ10222 fis, clone HE	2.2
	411987	AA375975	Hs.183380	ESTs, Moderately similar to ALU8_HUMAN A	2.2

	443401	AI394087	Hs.160159	ESTs	2.2
	424655	AW368576	Hs.139851	caveolin 2	2.2
	416143	AI956650	Hs.79033	glutaminyl-peptide cyclotransferase (glu	2.2
5	426261	AW242243	Hs.168670	peroxisomal farnesylated protein	2.2
	414564	AA164803	Hs.71994	ESTs, Weakly similar to I38022 hypotheti	2.2
	427897	NM_017413	Hs.303084	apelin; peptide ligand for APJ receptor	2.2
	419160	AA811342	Hs.35524	KIAA1569 protein	2.2
	420111	AA255652		gb:zs21h11.1 NCL CGAP_GCB1 Homo sapiens	2.2
10	442879	AF032922	Hs.8813	syntaxin binding protein 3	2.2
	430486	BE082109	Hs.241551	chloride channel, calcium activated, fam	2.2
	453823	AL137957		gb:DKFZp761D2315_r1 761 (synonym: harry2)	2.2
	432074	AA525248	Hs.149723	ESTs	2.2
	431848	AI378857	Hs.126758	ESTs, Highly similar to AF175283 1 zinc	2.2
	447072	D61594	Hs.17279	tyrosylprotein sulfotransferase 1	2.2
15	408723	AW885757	Hs.257882	ESTs	2.2
	425627	AF019612	Hs.297007	membrane-bound transcription factor prot	2.2
	435090	BE217923	Hs.149595	ESTs	2.2
	449369	AA001265	Hs.27260	ESTs	2.2
20	425514	AF112345	Hs.158237	integrin, alpha 10	2.2
	455821	BE143341		gb:MR0-HT0182-191099-002-d04 HTD162 Homo	2.2
	427224	AL135554	Hs.101937	sine oculis homeobox (Drosophila) homolo	2.2
	432264	AA532807	Hs.105822	ESTs	2.2
	403467				2.2
25	436032	AA150797	Hs.109276	laxin protein	2.2
	404356				2.2
	434205	AF119861	Hs.283032	hypothetical protein PRO2015	2.2
	405257				2.2
	402103				2.2
30	456849	R74441	Hs.117178	poly(A)-binding protein, nuclear 1	2.2
	432985	T92363	Hs.178703	ESTs	2.2
	417649	AW239285	Hs.82359	tumor necrosis factor receptor superfam	2.2
	431277	AA501806	Hs.249565	ESTs	2.2
	454056	AI368836	Hs.24808	ESTs, Weakly similar to I38022 hypotheti	2.2
	401694				2.2
35	423531	AW752782	Hs.129750	hypothetical protein FLJ10548	2.2
	431364	AW971382	Hs.294016	ESTs, Moderately similar to B34087 hypot	2.2
	445908	R13580	Hs.13436	Homo sapiens clone 24425 mRNA sequence	2.2
	448390	AL036414	Hs.21058	hypothetical protein	2.2
	449839	T66420	Hs.272139	ESTs	2.2
40	455678	BE066007		gb:RC3-BT0319-120200-014-d09 BT0319 Homo	2.2
	404555				2.2
	418186	BE541042	Hs.23240	Homo sapiens cDNA: FLJ21848 fls, clone H	2.2
	419981	AA897581	Hs.128773	ESTs	2.2
45	449581	AI989517	Hs.181605	ESTs	2.2
	419229	AI827237	Hs.282884	ESTs	2.2
	403691				2.2
	423728	AW891294	Hs.132136	solute carrier family 4, sodium bicarbon	2.2
	443479	AF027219	Hs.9443	zinc finger protein 202	2.2
50	425329	AI616444	Hs.145444	Homo sapiens cDNA FLJ11494 fls, clone HE	2.2
	453345	AA302862	Hs.90083	neurocalcin delta	2.2
	424335	AW021508	Hs.28170	ESTs	2.2
	451072	AA013451	Hs.117929	ESTs	2.2
	417845	AL117461	Hs.82719	Homo sapiens mRNA; cDNA DKFZp586F1822 (f	2.2
55	411571	AA122393	Hs.70811	hypothetical protein FLJ20516	2.2
	438035	AA938198	Hs.146123	poly(A) polymerase gamma	2.2
	432374	W68815	Hs.301885	Homo sapiens cDNA FLJ11346 fls, clone PL	2.2
	400241				2.2
	408908	BE296227	Hs.250822	serine/threonine kinase 15	2.2
60	408564	AA045857	Hs.54943	fracture callus 1 (rat) homolog	2.2
	411151	AW866497		gb:QV4-SN0024-170400-176-e07 SN0024 Homo	2.2
	446009	AI989885	Hs.231926	ESTs	2.2
	456855	AF035528	Hs.153963	MAD (mothers against decapentaplegic, Dr	2.1
	416441	BE407197		gb:60130155ZF1 NIH_MGC_21 Homo sapiens c	2.1
65	414891	R27124	Hs.268754	Homo sapiens cDNA FLJ11949 fls, clone HE	2.1
	430172	AA468591	Hs.161689	ESTs	2.1
	422109	S73265	Hs.1473	gaslin-releasing peptide	2.1
	422985	AU076411	Hs.1602	dihydropyrimidine dehydrogenase	2.1
	448552	AW973853	Hs.20104	hypothetical protein FLJ00052	2.1
70	422373	AK001843	Hs.115700	Homo sapiens cDNA: FLJ23515 fls, clone L	2.1
	450726	AW204600	Hs.250505	retinoic acid receptor, alpha	2.1
	438379	N23018	Hs.171391	C-terminal binding protein 2	2.1
	412608	AA247995	Hs.44898	Homo sapiens clone TCCCTA00151 mRNA sequ	2.1
	451270	AW341392	Hs.235795	ESTs	2.1
	412140	AA219591	Hs.73625	RAB6 interacting, kinesin-like (rabkines	2.1
75	415992	C05837	Hs.145807	hypothetical protein FLJ13593	2.1
	415533	T74009	Hs.268738	ESTs, Weakly similar to ALU7_HUMAN ALU S	2.1
	437132	AL049353	Hs.297268	ESTs	2.1
	415304	T66079	Hs.12799	ESTs	2.1
80	450152	AI138635	Hs.22868	Homo sapiens clone IMAGE:451939, mRNA se	2.1
	421147	AW592167	Hs.293299	ESTs	2.1
	421413	AI828128	Hs.57637	ESTs, Weakly similar to A49364 59 protei	2.1
	451750	AA280851	Hs.228930	ESTs	2.1
	417924	AU077231	Hs.82932	cyclin D1 (PRAD1: parathyroid adenomas	2.1



	406945	K01383	Hs.173451	metallothionein 1A (functional)	2.1
	452449	AW088658	Hs.20943	ESTs	2.1
	436009	H57130	Hs.120925	ESTs	2.1
	418637	T86737	Hs.193536	ESTs	2.1
5	420495	AI338247	Hs.98314	Homo sapiens mRNA; cDNA DKFZp566L0120 (f	2.1
	449203	AI634578	Hs.282121	ESTs	2.1
	437751	AA767373	Hs.35669	ESTs, Moderately similar to ALU1_HUMAN A	2.1
	428412	AA428240	Hs.126083	ESTs	2.1
	425707	AF115402	Hs.11713	E74-like factor 5 (ets domain transcript	2.1
10	441967	AA972742	Hs.209786	ESTs	2.1
	403317	U02687	Hs.385	lms-related tyrosine kinase 3	2.1
	406018				2.1
	410566	AA373210	Hs.43047	Homo sapiens cDNA FLJ13585 fis, clone PL	2.1
	416747	AW876523	Hs.15929	hypothetical protein FLJ12910	2.1
15	431229	AA496479	Hs.268929	ESTs	2.1
	435148	AI918049	Hs.124961	ESTs	2.1
	436349	AI445255	Hs.115315	ESTs	2.1
	446895	AA186655	Hs.282803	ESTs	2.1
	448582	AI538880	Hs.94812	ESTs	2.1
20	442782	AF035119	Hs.8700	deleted in liver cancer 1	2.1
	442738	AW002370	Hs.131055	ESTs, Weakly similar to NPM_HUMAN NUCLEO	2.1
	451874	AW963137	Hs.194233	ESTs, Moderately similar to ALU1_HUMAN A	2.1
	448076	AJ133123	Hs.20196	adenylate cyclase 9	2.1
	443484	AI091458	Hs.134559	ESTs	2.1
25	430686	NM_001942	Hs.2633	desmoglein 1	2.1
	446100	AW967109	Hs.13904	hypothetical protein dJ462023.2	2.1
	407624	AW157431	Hs.248941	ESTs	2.1
	435079	AA664192		gb:ac05b03.s1 Stralagene lung (937210) H	2.1
	428923	BE047698	Hs.188785	ESTs	2.1
30	422496	AA311301	Hs.278627	ESTs	2.1
	413385	M34455	Hs.840	indoleamine-pyrrole 2,3 dioxygenase	2.1
	408418	AW963897	Hs.44743	KIAA1435 protein	2.1
	446733	AA863360	Hs.26040	ESTs, Weakly similar to fatty acid omega	2.1
	427434	BE538374	Hs.301732	hypothetical protein MGC5305	2.1
35	428822	W28418	Hs.30715	potassium voltage-gated channel, Isk-rel	2.1
	459325	AW088369	Hs.282184	ESTs	2.1
	416896	W91892	Hs.59609	ESTs	2.1
	425638	NM_012337	Hs.158450	nasopharyngeal epithelium specific prote	2.1
40	408000	L11650	Hs.620	bullous pemphigoid antigen 1 (230/240kD)	2.1
	416894	W73921	Hs.50743	ESTs	2.1
	424687	J05070	Hs.151738	matrix metalloproteinase 9 (gelatinase B	2.1
	437378	AI198823	Hs.160473	ESTs	2.1
	454100	AI693231	Hs.126043	chromosome 21 open reading frame 51	2.1
45	452786	R61362	Hs.106542	ESTs, Weakly similar to T09052 hypotheti	2.1
	437311	AA370041	Hs.9456	SWI/SNF related, matrix associated, acti	2.1
	400531	AF173937	Hs.109494	secreted protein of unknown function	2.1
	440028	AW473675	Hs.125843	ESTs, Weakly similar to T17227 hypotheti	2.1
	426490	NM_001621	Hs.170087	aryl hydrocarbon receptor	2.1
50	424103	NM_001918	Hs.139410	dihydropteramide branched chain transacy	2.1
	407995	AI094748	Hs.100134	hypothetical protein FLJ12787	2.1
	449911	AI262105	Hs.12653	ESTs	2.1
	449509	AA001615	Hs.84561	ESTs	2.1
	452762	AW501435	Hs.278582	v-akt murine thymoma viral oncogene homo	2.1
55	422839	AI674784	Hs.298908	ESTs	2.1
	435040	AI932350	Hs.152825	ESTs	2.1
	401200				2.1
	416248	H99169	Hs.23450	mitochondrial ribosomal protein S25	2.1
	442262	BE170651	Hs.8700	deleted in liver cancer 1	2.1
60	449754	H00820	Hs.30977	ESTs, Weakly similar to B34087 hypotheti	2.1
	453908	AW613920	Hs.282178	ESTs	2.1
	446965	BE242873	Hs.16677	WD repeat domain 15	2.1
	412798	AW998657	Hs.119120	E3 ubiquitin ligase SMURF1	2.1
	418095	H18072	Hs.92576	ESTs	2.1
	418378	AW982081		gb:EST374154 MAGE resequences, MAGG Homo	2.1
65	455995	BE179408		gb:IL3-HT0618-060500-125-607 HT0618 Homo	2.1
	422411	AW749443	Hs.22511	ESTs	2.1
	410888	AW661207		gb:RC1-CT0302-120200-013-d04 CT0302 Homo	2.1
	446893	AI610818	Hs.7110	ESTs	2.1
	442992	AI914639	Hs.13297	ESTs	2.1
70	407021	U52077		gb:Human mariner1 transposase gene, comp	2.1
	436938	AW139660	Hs.161393	ESTs	2.1
	433194	AB040883	Hs.83243	KIAA1450 protein	2.1
	454790	AW820852		gb:RC2-ST0301-120200-011-f12 ST0301 Homo	2.1
	431130	NM_006103	Hs.2719	epidymis-specific, whey-acidic protein	2.1
75	434739	AA804487	Hs.144130	ESTs	2.1
	406468				2.1
	457023	AA001732	Hs.173233	hypothetical protein FLJ10970	2.1
	416226	N55342	Hs.34372	ESTs	2.1
	422306	BE044325	Hs.227280	U8 snRNA-associated Sm-like protein	2.1
80	432810	AA863400	Hs.23054	ESTs	2.1
	412894	R09778	Hs.186510	ESTs	2.1
	430602	D13752	Hs.184927	cytochrome P450, subfamily XB (steroid	2.1
	436981	AA740891	Hs.293316	ESTs	2.1

	452501	AB037791	Hs.29716	hypothetical protein FLJ10980	2.1
	449838	AB020653	Hs.24024	KIAA0846 protein	2.1
	447160	AA330310	Hs.24181	ESTs	2.1
5	422155	N34524		gb:yy56d10.s1 Soares_multiple_sclerosis_	2.1
	440137	AA866199	Hs.171397	ESTs	2.1
	423998	H29138	Hs.157113	coenzyme Q, 7 (rat, yeast) homolog	2.1
	436471	AA719813	Hs.117662	ESTs	2.1
	414680	AA743331	Hs.272572	hemoglobin, alpha 2	2.1
10	426782	R14614	Hs.191254	ESTs	2.1
	430027	AB023197	Hs.227743	KIAA0980 protein	2.1
	411562	AL050201	Hs.70769	hypothetical protein DKFZp586E1923	2.1
	413252	BE074910		gb:RCS-BT0580-170300-021-F12 BT0580 Homo	2.1
	427115	AW972853	Hs.112237	ESTs	2.1
15	444610	AI174783		gb:HA2501 Human fetal liver cDNA library	2.1
	400451				2.1
	435255	W87434	Hs.106015	ESTs, Moderately similar to ALU1_HUMAN A	2.1
	450159	AI702416	Hs.200771	ESTs, Moderately similar to A Chain A, T	2.1
	418375	NM_003081	Hs.84389	synaposomal-associated protein, 25kD	2.1
20	442835	AI021989	Hs.131903	ESTs	2.1
	400198				2.1
	415734	NM_014747	Hs.78748	KIAA0237 gene product	2.1
	415189	L34657	Hs.78146	platelet/endothelial cell adhesion molec	2.1
	436940	AF075045	Hs.271609	ESTs	2.1
25	425349	AA425234	Hs.79886	ribose 5-phosphate isomerase A (ribose 5	2.1
	448515	H68441	Hs.13528	hypothetical protein FLJ14054	2.1
	410557	AA068803	Hs.192997	ESTs, Moderately similar to I78885 serin	2.1
	442682	BE379584	Hs.34789	dolichyl-diphosphooligosaccharide-protei	2.1
	413488	BE144017		gb:MRD-HT0165-191199-004-d09 HT0165 Homo	2.1
30	419088	AI583323	Hs.52620	integrin, beta 8	2.1
	447373	AI381922	Hs.158781	ESTs	2.1
	457465	AW301344	Hs.122908	DNA replication factor	2.1
	413918	AW015898	Hs.71245	ESTs	2.1
	402820				2.1
35	424872	AA347923		gb:EST54302 Fetal heart II Homo sapiens	2.1
	428552	AW274560	Hs.129520	ESTs	2.1
	435464	BE548300	Hs.192999	ESTs, Moderately similar to KIAA0961 pro	2.1
	449008	AW578003	Hs.22826	tropomodulin 3 (ubiquitous)	2.1
	420838	AW118210	Hs.5244	ESTs	2.1
40	428231	U17889	Hs.183105	nuclear autoantigen	2.1
	434933	R91095	Hs.4276	KIAA1701 protein	2.1
	444870	AI200621	Hs.148504	ESTs	2.1
	425354	U62027	Hs.155935	complement component 3a receptor 1	2.1
	425183	AB014604	Hs.197955	KIAA0704 protein	2.1
45	439155	H81076	Hs.269001	ESTs	2.1
	442787	W93048	Hs.250723	hypothetical protein MGC2747	2.1
	429864	AA460039	Hs.286	ribosomal protein L4	2.1
	438663	AA810665	Hs.134746	ESTs, Weakly similar to A46010 X-linked	2.1
	437140	AA312789	Hs.283689	activator of CREM in testis	2.1
50	421991	NM_014918	Hs.110488	KIAA0890 protein	2.1
	446534	AI307356	Hs.175225	ESTs	2.1
	407881	AW072003	Hs.40968	heparan sulfate (glucosamine) 3-O-sulfat	2.1
	444838	AV651680	Hs.208558	ESTs	2.1
	402318				2.1
55	410878	AW809201	Hs.314248	ESTs, Weakly similar to ALU4_HUMAN ALU S	2.1
	414494	AA768491	Hs.6783	hypothetical protein FLJ22724	2.1
	421306	AA806207	Hs.125889	ESTs	2.1
	427027	AI924294	Hs.173259	uncharacterized bone marrow protein BMD3	2.1
	429088	D61542	Hs.227716	KIAA0934 protein	2.1
60	428859	NM_007050	Hs.225952	protein tyrosine phosphatase, receptor t	2.1
	428060	AA420516	Hs.249483	ESTs	2.1
	419953	BE267154	Hs.125752	ESTs	2.1
	443718	AI083580	Hs.221373	ESTs	2.1
	444187	AW138466	Hs.151274	ESTs	2.1
65	428048	AA705745		gb:z41b11.s1 Soares_fetal_heart_NbHH19W	2.1
	420195	N44348	Hs.26243	Homo sapiens cDNA FLJ11177 fis, clone PL	2.1
	417404	NM_007360	Hs.82101	pleckstrin homology-like domain, family	2.1
	442833	AA328153	Hs.88201	ESTs, Weakly similar to A Chain A, Cryst	2.1
	430335	D80007	Hs.239499	KIAA0185 protein	2.1
70	414818	AI204600	Hs.96978	hypothetical protein MGC10764	2.1
	434029	AA821763	Hs.170434	Homo sapiens cDNA FLJ14242 fis, clone OV	2.1
	410945	AW811552		gb:QV2-ST0145-071299-017-h10 ST0145 Homo	2.1
	421247	BE391727	Hs.102910	general transcription factor IIH, polype	2.1
	433374	AI821408	Hs.332789	EST	2.1
75	445644	R77766	Hs.271593	ESTs, Moderately similar to A47582 B-cel	2.1
	450271	AI693900	Hs.200920	ESTs	2.1
	448084	AI467800	Hs.271000	ESTs, Weakly similar to I38022 hypotheti	2.1
	407864	AF069291	Hs.40539	chromosome 8 open reading frame 1	2.1
	430998	AF128847	Hs.204038	indolethylamine N-methyltransferase	2.1
80	435542	AA689736	Hs.269533	ESTs	2.1
	443544	AI076315	Hs.16369	ESTs	2.1
	421103	AI625835	Hs.27104	Homo sapiens mRNA; cDNA DKFZp667D226 (fr	2.1
	405759				2.1
	446242	N66336	Hs.7360	ESTs	2.1

	457938	AI373638	Hs.133900	ESTs	2.1
	433017	Y15067	Hs.279914	zinc finger protein 232	2.1
	438729	BE621807	Hs.3337	transmembrane 4 superfamily member 1	2.1
5	432839	AA579465	Hs.45207	hypothetical protein KIAA1335	2.1
	439224	AW471088	Hs.145950	ESTs, Highly similar to T08692 hypotheti	2.1
	410976	R36207	Hs.25092	hypothetical protein MGC10744	2.1
	454574	AW809109		gb:MR4-ST0117-070100-027-a04 ST0117 Homo	2.1
	411020	NM_006770	Hs.67726	macrophage receptor with collagenous str	2.1
10	452279	AA286844	Hs.61260	hypothetical protein FLJ13184	2.1
	446891	AL036877	Hs.282878	ESTs	2.1
	434294	AJ271379	Hs.76194	ribosomal protein S5	2.1
	449057	AB037784	Hs.22941	KIAA1363 protein	2.1
	432769	AA620814	Hs.144959	ESTs	2.1
15	441224	AU076964	Hs.7753	calumenin	2.1
	407891	AA486620	Hs.41135	endomucin-2	2.1
	428017	AA483605	Hs.66295	multi-PDZ-domain-containing protein	2.1
	406817	AI936028		gb:wo47a09.x1 NCL_CGAP_Gas4 Homo sapiens	2.1
	430566	AA481282	Hs.190149	ESTs	2.1
20	449208	AW263635	Hs.48643	ESTs	2.1
	451397	AA017432	Hs.84529	ESTs, Weakly similar to Z202_HUMAN ZINC	2.1
	452042	H38857	Hs.243901	Homo sapiens cDNA FLJ20738 fls, clone HE	2.1
	444779	AI192105	Hs.147170	ESTs	2.0
	433672	BE281165	Hs.288038	TLS-associated serine-arginine protein 1	2.0
25	415954	AA171850	Hs.42251	ESTs	2.0
	420273	AI652864	Hs.197257	ESTs	2.0
	411354	AW992424	Hs.288141	hypothetical protein MGC3158	2.0
	422389	AF240635	Hs.115897	protocadherin 12	2.0
	446894	AV650435	Hs.16755	MBIP protein	2.0
30	417793	AW405434	Hs.82575	small nuclear ribonucleoprotein polypept	2.0
	422664	AA314316	Hs.163725	ESTs	2.0
	425899	AW513051	Hs.332981	ESTs, Weakly similar to I38022 hypotheti	2.0
	405634				2.0
	451562	H04150	Hs.107708	ESTs	2.0
35	431958	X63629	Hs.2877	cadherin 3, type 1, P-cadherin (placenta	2.0
	422095	AI868872	Hs.282804	hypothetical protein FLJ22704	2.0
	442010	AI032680	Hs.132213	ESTs	2.0
	442991	BE281238	Hs.8886	hypothetical protein FLJ20424	2.0
	425312	AA354940	Hs.145958	ESTs	2.0
40	415191	AA190381	Hs.120810	ESTs	2.0
	416406	DB6961	Hs.79299	lipoma HMGIC fusion partner-like 2	2.0
	425316	AA354977	Hs.191566	ESTs, Moderately similar to T14342 NSD1	2.0
	413753	U17760	Hs.75517	laminin, beta 3 (nicotin (125kD), kalinin	2.0
	452241	AL050204	Hs.28540	Homo sapiens mRNA; cDNA DKFZp586F1223 (f	2.0
45	433571	AA765256	Hs.135191	ESTs, Weakly similar to unnamed protein	2.0
	417094	NM_006895	Hs.81182	histamine N-methyltransferase	2.0
	409190	AU076538	Hs.50984	sarcoma amplified sequence	2.0
	413783	AA314337	Hs.301547	ribosomal protein S7	2.0
	423867	AA331885		gb:EST35757 Embryo, 8 week I Homo saplen	2.0
50	429418	AI381028	Hs.118769	ESTs	2.0
	445829	AI452457	Hs.145526	ESTs	2.0
	452366	AK000464	Hs.29276	hypothetical protein FLJ20457	2.0
	425704	U78293	Hs.159264	Human clone 23948 mRNA sequence	2.0
	446593	W79572	Hs.13277	hypothetical protein FLJ22054	2.0
55	400462				2.0
	422003	AA381760	Hs.296326	ESTs	2.0
	444585	AW170015	Hs.6594	ESTs	2.0
	444898	AI201548	Hs.308338	ESTs	2.0
	403525				2.0
60	443031	AW134696	Hs.49418	ESTs	2.0
	430818	AJ311926		gb:qp89h04.x1 NCL_CGAP_Kid5 Homo sapiens	2.0
	423690	AA329648	Hs.23804	ESTs, Weakly similar to PNU099 son3 prot	2.0
	440941	BE268362	Hs.7535	COBWI-1 protein	2.0
	409627	AW997628	Hs.313637	ESTs	2.0
65	433258	AI806626	Hs.207300	ESTs, Weakly similar to ALUB_HUMAN III	2.0
	412863	AA121673	Hs.59757	zinc finger protein 281	2.0
	436476	AA326108	Hs.33829	bHLH protein DEC2	2.0
	430259	BE560182	Hs.127826	RalGEF-like protein 3, mouse homolog	2.0
	417280	AW173116	Hs.262206	ESTs	2.0
70	423528	AB011137	Hs.300938	KIAA0565 gene product	2.0
	424800	AL035588	Hs.153203	MyoD family inhibitor	2.0
	446019	AI362520	Hs.279789	histone deacetylase 3	2.0
	435472	AW972330	Hs.283022	triggering receptor expressed on myeloid	2.0
	424882	AJ379461	Hs.163636	far upstream element (FUSE) binding prot	2.0
75	430473	AW130690	Hs.59962	ESTs	2.0
	431363	M86528	Hs.266902	neurotrophin 5 (neurotrophin 4/5)	2.0
	438118	AW753311	Hs.259415	ESTs	2.0
	400859				2.0
	405829				2.0
80	415258	AW752247	Hs.293853	ESTs	2.0
	420314	HB1571	Hs.320921	ESTs, Weakly similar to T22688 hypotheti	2.0
	437733	AJ792574	Hs.122876	ESTs	2.0
	452019	AL157503	Hs.27552	Homo sapiens mRNA; cDNA DKFZp586N2424 (f	2.0
	453118	AW195849	Hs.252757	ESTs	2.0

	430706	NM_003540	Hs.247816	H4 histone family, member C	2.0
	420568	F09247	Hs.247735	protocadherin alpha 10	2.0
	452759	AW590773	Hs.258996	ESTs	2.0
5	408496	A1683802	Hs.136182	ESTs	2.0
	420674	NM_000055	Hs.1327	butyrylcholinesterase	2.0
	410358	AW975168	Hs.13337	ESTs, Weakly similar to unnamed protein	2.0
	450086	AW016343	Hs.233301	ESTs	2.0
	410853	HD4588	Hs.30469	ESTs	2.0
10	438607	AW080237	Hs.252884	ESTs	2.0
	422232	D43945	Hs.113274	transcription factor EC	2.0
	432801	NM_016260	Hs.278963	zinc finger DNA binding protein Heios	2.0
	402490				2.0
	446551	AJ308176	Hs.65636	ESTs	2.0
15	436315	R56795	Hs.82419	ESTs	2.0
	445261	T79759	Hs.282939	ESTs, Weakly similar to I38022 hypothetical	2.0
	401986				2.0
	420335	AA258771	Hs.43616	Homo sapiens mRNA for FLJ00029 protein,	2.0
	424698	AA164366	Hs.151973	hypothetical protein FLJ23511	2.0
20	435413	AJ267476	Hs.46669	ESTs	2.0
	458175	AW296024	Hs.150434	ESTs	2.0
	458433	AL135352	Hs.255883	ESTs, Weakly similar to I38022 hypothetical	2.0
	417494	AJ369494	Hs.222137	ESTs	2.0
	416045	H15990	Hs.31403	ESTs	2.0
25	424181	AL039482	Hs.142517	Homo sapiens mRNA; cDNA DKFZp434P0810 (f	2.0
	445873	AA250970	Hs.251946	poly(A)-binding protein, cytoplasmic 1-I	2.0
	411578	AW238524		gb:xp27c05.x1 NCL_CGAP_HN10 Homo sapiens	2.0
	453116	AJ276580	Hs.146086	ESTs	2.0
	425692	D90041	Hs.155956	N-acetyltransferase 1 (arilamine N-acety	2.0
30	435608	AW183971	Hs.250896	ESTs	2.0
	402102				2.0
	458308	AJ828155	Hs.211056	ESTs	2.0
	438177	BE327016	Hs.281391	ESTs	2.0
	415205	H71616	Hs.135233	ESTs	2.0
	427244	AA402400	Hs.178045	ESTs	2.0
35	441384	AA447849	Hs.288660	Homo sapiens cDNA: FLJ22182 fis, clone H	2.0
	438979	AW976218	Hs.32565	ESTs	2.0
	400285				2.0
	405966				2.0
40	407407	AF050198		gb:Homo sapiens putative mitochondrial s	2.0
	427739	AW196755	Hs.98105	NYD-SP14 protein	2.0
	433584	AW295399		gb:U1-H-B12-ahr-h-03-0-U1.s1 NCL_CGAP_Su	2.0
	448956	AK001674	Hs.22630	cofactor required for Sp1 transcription	2.0
	439474	AJ824060	Hs.211501	ESTs	2.0
45	421755	AW169454	Hs.207422	ESTs, Weakly similar to S71949 metallopr	2.0
	454566	AW807805		gb:MR4-ST0098-120100-001-b06 ST0098 Homo	2.0
	418836	AJ655499	Hs.161712	ESTs	2.0
	453108	AJ311457	Hs.99472	ESTs	2.0
	447101	N72185	Hs.44189	ESTs	2.0
50	408873	AL046017	Hs.182278	calmodulin 2 (phosphorylase kinase, delt	2.0
	426226	AA769045		gb:aa80h07.s1 NCL_CGAP_GCB1 Homo sapiens	2.0
	401157				2.0
	407721	Y12735	Hs.38018	dual-specificity tyrosine-(Y)-phosphoryl	2.0
	425646	AW157044	Hs.158512	cyclin-dependent kinase-like 2 (CDC2-rel	2.0
55	408964	AF201468	Hs.49349	beta-site APP-cleaving enzyme	2.0
	419839	U24577	Hs.93304	phospholipase A2, group VII (platelet-ac	2.0
	402855				2.0
	443644	AJ080491	Hs.93270	ESTs, Moderately similar to S65657 alpha	2.0
	445672	AJ907438	Hs.282882	ESTs	2.0
60	432343	NM_002960	Hs.2961	S100 calcium-binding protein A3	2.0
	411941	AW878909	Hs.25201	ESTs, Weakly similar to FAT DROME CADHER	2.0
	430864	AW969634	Hs.303303	ESTs	2.0
	402812				2.0
	457434	AW628192	Hs.18851	hypothetical protein FLJ10875	2.0
65	448133	AA723157	Hs.73769	folate receptor 1 (adult)	2.0
	402048				2.0
	423347	AJ660412	Hs.234557	ESTs	2.0
	423957	AW878309	Hs.136235	Homo sapiens cDNA FLJ13542 fis, clone PL	2.0
	433347	AF023130		gb:Homo sapiens Ras-GRF2 mRNA, partial c	2.0
70	437373	H67505	Hs.191979	KIAA1733 protein	2.0
	439217	AF086041	Hs.42975	ESTs	2.0
	446609	BE395090	Hs.15535	Homo sapiens clone 24582 mRNA sequence	2.0

75 TABLE 3B: List of accession numbers for primekeys lacking unigeneID's for Table 3A. For each such probe set is listed a gene cluster number from which the oligonucleotides were designed. Gene clusters were compiled using sequences derived from Genbank ESTs and mRNAs. These sequences were clustered based on sequence similarity using Clustering and Alignment Tools (DoubleTwist, Oakland California). Genbank accession numbers for sequences comprising each cluster are listed in the "Accession" column.

80 Pkey: Unique Eos probe set identifier number  
CAT number: Gene cluster number  
Accession: Genbank accession numbers

Pkey CAT number Accession

5	408680	107490_1	AW864542 AA056567 AW862724
	409029	1095422_1	BE087807 AW301579
	409073	109651_1	AA063458 AA063018 A1444822
	409519	113722_1	AA075368 AA075369
	409595	114876_1	AA296861 AA296869 AA076945 AA077528 AA077497
	410008	116812_1	AA079552 BE142525 BE142527
	410615	1212203_1	AW772721 AW873372 H89212
	410672	1214882_1	AW794600 AW794730
10	410784	1221005_1	AW803201 BE079700 BE062940
	410785	1221056_1	AW803341 AW803265 AW803403 AW803465 AW803402 AW803413 AW803268 AW803396 AW803334 AW803355
	410806	1225955_1	AW861207 AW809508
	410901	1226077_1	AW810001 AW810092 AW810170 AW809884 AW809664 AW810353 AW810428 AW810209 AW810429 AW810154 AW810168 AW809786
	410934	1227240_1	AW810006 AW809672 AW809694 AW810552 AW810345 AW810432 AW809960
15	410945	1227561_1	AW811114 AW811095 AW811087 AW811124 AW811054 AW811094 AW811157
	410999	1228809_1	AW811552 AW811470 AW811523 AW811492 AW811514 AW811456 AW811525
	411004	1228975_1	AW813004 AW812962 AW812961
	411018	1229132_1	AW813242 BE146089 AW813195 AW813173 AW813206 BE145953 BE146212 AW813196 AW854582 AW813241 BE061582
	411139	1233781_1	AW813428 AW813444 AW813367 AW813368 AW813429 AW813424
20	411151	1234022_1	AW819461 AW819478 AW819479 AW819659 AW819505
	411479	1247077_1	AW866497 AW819775 AW819968 AW866602 AW866581
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			AW848905 AW848214
25	411514	1248638_1	AW850178 AW850233 AW850445 AW850446
	411578	1250113_1	AW238524 AA094059 R59022
	411745	1256160_1	AW867826 AW859896
	411880	1263110_1	AW872477 BE088101 T05990
	411905	1266181_1	BE265067 BE264978 AW875420
	412167	1280605_1	AW897230 AW897252 AW897244 AW897231 AW897263
30	412209	1283610_1	AW901456 AW901450 AW901441
	412248	1285000_1	BE176480 AW903298 AW903313
	412282	1287679_1	BE160188 AW935785 BE160401 BE160319 BE160313 BE160395
	412303	1288130_1	AW936336 AW936339
	412566	1306469_1	AW962574 BE073261
35	412877	1333953_1	BE011168 BE006371 BE011172 BE011313 BE011166
	412879	1334272_1	BE092219 BE092361 BE006789
	413087	1348720_1	BE064655 BE163953
	413136	1350379_1	BE068941 BE068911 BE068979 BE068929 BE068925
	413252	1355877_1	BE074910 BE074913 BE074911 BE074903 BE074892 BE074935
40	413382	1365954_1	BE090689 BE090685 BE090697 BE090680 BE090691 BE090696 BE090698 BE090686
	413488	1373234_1	BE144017 BE185527 BE144023
	413499	1373910_1	BE144884 H97942
	413618	1380384_1	BE154078 BE154008 BE153891 BE153523 BE153983
	413638	1381238_1	H71252 BE154668 BE154642
	413642	1381386_1	BE154837 BE154879 BE154850 BE154877 BE154835 BE154849 BE154902 BE154905 BE154867 BE154901 BE154904 BE154899
45	413875	1396766_1	BE176776 H85072
	414109	1417307_1	BE250744 BE294770
	414221	142696_1	AW450979 AA136653 AA136656 AW419381 AA984358 AA492073 BE168945 AA809054 AW238038 BE011212 BE011359 BE011367 BE011368
			BE011362 BE011215 BE011365 BE011363
50	414605	1465790_1	BE390440
	414935	1509157_1	C15671 C15333 C15833 D81433 C14657 C14811
	415236	1531080_1	R41400 H06559 Z38637 F02023 T16516
	415635	1540853_1	F13168 R21289 T77628
	415747	155189_1	AA381209 AA381245 AA167683
55	415980	1564218_1	R52414 R61681 H12009 T74429
	416288	1585983_1	H51299 H44619 H46391 R86024 H51892 T72744
	416337	1589299_1	H48713 H83057 H48694 H65247
	416441	159480_1	BE407197 AA182474 AA180369 BE275628 BE276131
	416548	1600181_1	H62953 N76608 N72413
60	416624	1604694_1	H69044 T47567 H75691 T50292
	416871	1626761_1	H93716 N80792 N24283
	416913	163001_1	AW934714 BE161007 BE162500 AW749902 AW749864 BE162498 BE161005 AA190449 AW513465 BE161006 BE162499
	416972	163668_1	BE019670 AA191284 AA191255
	417561	168747_2	AW974345 BE145400 T87088 AA639076
65	417648	1691070_1	R06552 T98985 R08656
	417669	1692157_1	T99898 T92080 T91447 R07806 R07779
	417859	1703724_1	T26453 Z44226 R20425
	418378	174656_1	AW962081 AA218925 AA354237
	418636	177402_1	AW749855 AA225995 AW750208 AW750206
70	419546	185766_1	AA244199 AA244272 H57440
	419637	186539_1	W27493 AA248063 AA249685 AA429679
	419807	188252_1	R77402 AA262462 AA250988 R06794
	420111	190755_1	AA256652 AA280911 AW967920 AA262684
	420621	195113_1	AA278808 BE082076 BE081812 BE081581
75	420637	195241_1	AW976153 AA278945 AA747691
	421065	198936_1	AA329711 AA287436 AA283148
	422053	210852_1	BE156476 BE156473 BE156474 BE156475 AA302839
	422156	212379_1	N34524 AA305071 AW954903 AA502335 A1433430 A1203597 AW026670 AW265323 AW850787 AA317564 AW993643 AW835572 AW386512
			A1334966 W32951 H62656 H53902 R88904 AW835732
80	422342	215498_1	AA309272 AA309312 AW961837
	422429	216469_1	AA310527 AW962295 Z44865 H06641
	422977	223410_1	AA631498 A1017191 AA491211 AA761823 AA714555 AA768099 AA808286 A1934069 AA570223 AA574389 AA582438 A1745346 AW864510
			AA319542 AW853758 H56414
	423121	225175_1	AW864848 AA322213 AA322209 AW951624

423377	22769_1	AL049377 AL079930 AL047223 AW885968 AA385235
423532	229362_1	BE090503 BE090490 BE090483 BE090501 BE090500 BE090365 BE090505 BE090509 BE090499 BE090502 BE090504 BE090497 AA327285
423735	231498_1	AA330259 AA661806 AA502431 AW974633 AA649496
423841	232507_1	AW753967 AA370795 AA331630 AW962550
423867	232732_1	AA331886 AW962559 AW962655 T89841
424872	244505_1	AA347923 AA347928 AW961769
425201	247933_1	AA352111 AW962247 AA429695
425497	252499_1	AA524596 AA358494 AA513507
425570	253248_1	AA358558 AA35819 AW963122
426226	262918_1	AA769045 AA372590 AW963633
426497	268121_1	AA379913 AA379981 AW963523
426603	269825_1	AA382291 AA994857
427551	280163_1	T96203 AA406343 T96121
428048	286394_1	AA705745 AA420850 AA420433
428679	294049_1	AA431765 AA432015
430212	314437_1	AA469153 A1718503 AA489225
430818	324239_1	A1311928 AA936030 T51931 AA609816 AA487195 AA664207
430844	324570_1	T94960 AA487679 T95013
430933	325757_1	AW863635 BE179901 BE179402 AW653789 AA489179 BE010747 BE010748
431071	327550_1	AA491379 H86020 AW969148
431169	328799_1	AW971240 AA493843 AA493723
431322	331543_1	AW970622 AA503009 AA502998 AA502899 AA502805 T92188
431695	335512_1	AA508196 BE142920 A1260311 A1205616 D61709
431688	336809_1	AA513908 AAB47734 A1357044
432111	341618_1	AW972777 AA526795 AA526305
432189	342819_1	AA527941 A1810808 A1620190 AA635268
432222	343347_1	A1204995 AW827539 AW969908 AW440776 AA528756
432779	354024_1	AW979241 AA565008 AA847102
432803	354267_1	AA565398 AW894072 H97930
432869	355475_1	AW974094 AA569074 AA602574
433347	36388_1	AF023130 AF181250 AA984703 AA694303 AA361792
433482	367934_1	AW605849 AW262898 N41060 AA594852
433584	370400_1	AW295399 AW207772 AW300641 AW070290 BE348854 AW170383 AA600968 AA778832
433644	371919_1	AW342028 AA641080 AA603282
433687	373061_1	AA743991 AA604852 AW272737
434138	390572_1	AA625804 AW418787 AW074833 A1675642 A1393368
434374	384889_1	AA631439 A1086355 A1082577
434613	389550_1	A1821826 AA640657 AA656836 AA650055 A1821079
434638	38990_1	H50758 AF147434 H50666
434950	396061_1	AW974892 AA654376
434995	397210_1	AW974995 A1821880 A1821932 A1791196 AA659617 A1821137 AA658925
435079	399783_1	AA664192 H60250 T71388
435463	406582_1	AA662507 AW861124
435634	409239_1	T82384 R05307 AA693714
436332	421802_1	AA721522 AW975443 T93070
437146	43371_1	AA730977 A1261584 AA334473 Z43283 AW876861 AW939044 BE150701 AW938262 AA306862 BE565675 BE567380 AA728920 AA187612
438005	447553_1	A1239729 A1251752 AA485791 BE588425 AW962958
438458	457837_1	BE151746 BE336853 D63271 T94955 AA774994
438509	46884_1	AW975186 AA807807 D29546
438993	467651_1	AF085839 R69137 AW188788 R69254
440320	491930_1	AA828995 AA834879 A1926361
440674	49997_1	AA879294 N67538 A1474541
443613	575391_1	BE561546 Z25124 A1307139 Z28800
443657	576685_1	A1079368 W23287
444314	600667_1	R14973 R14967 A1081006
444610	612267_1	A1140497 AW748625 AW745626 AW748644
444910	624951_1	A1174783 R83569 R12271
446096	681959_1	A1201849 BE069007 AW946544
446901	697809_1	A1276454 A1633717 A1275116
447197	711623_1	A1347274 AW844024
448404	761515_1	R36075 A1366548 R36167
449540	80945_2	BE089973 A1498612 AW805032
450024	82296_1	AA001713 H63836
450458	83586_1	AA005129 AA679084 AA694399
450622	837264_1	AA009926 BE149301
451024	85565_1	A1698838 A1909260 A1909259
451487	87131_1	AA442176 AA259181
452453	918300_1	AA018072 N46370 R84847
452542	921410_1	A1902519 A1902518 A1902516
453823	932526_1	AW812256 AW812257 A1906423 A1905422
453901	988414_1	AL137967 BE064160 BE064186
454190	1049996_1	BE085902 AW749032 AW003637
454193	1050258_1	AW177821 AW177896 AW177867
		BE141183 AW178167 AW178162 AW178166 AW178172 AW845893 AW178159 AW178222 AW178213 AW178215 AW178090 AW178091
		AW178161 AW178207 AW178210 AW178214 AW178212 BE140918 BE140817 AW178135 AW178205 AW178209 AW178223 AW178220
		AW178206 AW178203 AW178165 AW178168 AW178160 AW178136 AW845878 AW178131 AW178138 AW178105 AW845894 AW178129
		AW845810 AW845828 AW178216 AW178112 AW178211 AW178224 BE140915 AW178221 AW178130 AW178134 AW178096 AW178108
		AW178133 AW178164 AW178218 AW178171 AW178157 AW178158 AW178103 BE141189 AW178170 AW845816 BE141586 AW178166
		AW178104 AW178163 AW178093 AW178208 AW178137 AW178140 AW178219 BE141592 AW845901 BE141580 AW178155 BE141598 BE140957
		AW385668 AW389657 AW609198 AW389649
		N71277 AW390784
		AW752571 AW847602 AA077979
		BE065965 BE065944 BE066008 BE066083 BE066093
454352	1129667_1	
454359	1130874_1	
454389	115682_1	
454403	1170435_1	

5	454455	1206965_1	AW752710 BE180336 BE180186
	454566	1224432_1	AW807605 AW807690 AW807839 AW807752 AW807673 AW807667 AW807955 AW807760 AW807615 AW807898 AW807849 AW807821 AW807832 AW807842 AW807827 AW807822 AW807829 AW807830 AW807825 AW807603 AW807612 AW807908 AW807595 AW807617 AW807678 AW807687 AW807916 AW807921 AW807596 AW807602 AW807688 AW807609 AW807684 AW807770 AW807593 AW807754 AW807679 AW807957 AW807683 AW807763 AW807902 AW807840 AW807819 AW807836 AW807769 AW807685 AW807847 AW807674 AW807686 AW807670 AW807917 AW807677 AW807680 AW807900 AW807669 AW807952 AW807907 AW807846 AW807756 AW807835 AW807608 AW807753 AW807601 AW807956
10	454574	1225636_1	AW809109 AW809112 AW809122 AW809126 AW809128 AW809133 AW809131 AW809113 AW809111 AW809132
	454600	1226077_1	AW810001 AW810092 AW810170 AW809884 AW809664 AW810353 AW810428 AW810209 AW810429 AW810154 AW810168 AW809786 AW810006 AW809672 AW809694 AW810552 AW810345 AW810432 AW809960
15	454678	1228915_1	AW813089 W28102
	454693	1229132_1	AW813428 AW813444 AW813367 AW813368 AW813429 AW813424
	454714	1230493_1	AW815098 BE154843 BE154831
	454766	1234022_1	AW866497 AW819775 AW819868 AW865602 AW865561
	454784	1234530_1	AW820626 AW820621 AW820608
	454790	1234752_1	AW820852 AW820773 AW821088
	454836	1235509_1	AW833711 AW833620 AW833699
	454962	1246750_1	AW847645 AW847791 AW854083 AW853945
20	455047	1250536_1	AW852530 AW852527 AW852526
	455092	1252971_1	BE152428 AW855672 AW855607
	455100	1253334_1	BE160198 AW835898 T11520 AW935930 AW858073 AW861034
	455107	1253874_1	BE154113 AW856797 AW856847 AW861126 AW856817
	455114	1254105_1	AW867121 AW867123 AW861238
25	455170	1256906_1	AW860972 AW862598 AW862599 AW860988 AW860983 AW860898 AW860925 AW860922 AW860966 AW860984 AW860989
	455201	1259748_1	AW947884 AW947918 AW947888 AW947883 AW947897 AW947910 AW947905 AW864751 AW947878
	455228	1262534_1	AW902103 AW869012 AW869139
	455252	1268222_1	AW876627 AW876630 AW876631 AW876625
	455286	1273576_1	BE144384 AW887474 AW887403 BE144386
	455310	1278158_1	AW893961 AW893988 AW894034 AW894019
30	455431	1289854_1	AW938484 BE001245 BE001180
	455488	129372_1	AA102322
	455511	1321229_1	BE144762 AW979091
	455512	1321443_1	AW983608 AW863528 AW983610 AW983688 AW983601 AW983645 AW983607 AW983640 AW983625 AW983612 AW983642 AW983687 AW983602 AW983624 AW983634 AW983637 AW983632 AW983617 AW983635 AW983630 AW983636 AW983639 AW983616 AW983689 AW983641 AW983621 AW983603 AW983609 AW983623 AW983644 AW983618 AW983615 AW983611 AW983604 AW983686 AW983622 AW983619 AW983633 AW983589 AW983605 AW983626 AW983643 AW983631 AW983627 AW983613 AW983614 AW983685 AW983593 AW983590 AW983594 AW983620 AW983638 AW983592 AW983588
35	455571	1331885_1	BE003714 BE003721 BE003720 BE003716
	455631	1347545_1	BE063031 BE063002 BE063008 BE063024 BE063040 BE063006 BE063072
40	455678	1349716_1	BE066007 BE066017 BE066074
	455685	1350393_1	BE066976 BE066928 BE066927
	455807	1370914_1	BE141140 BE141139 BE141105 BE141143 BE141127 BE141202 BE141108
	455821	1372714_1	BE143341 BE143344 BE143378 BE143358
45	455866	1377119_1	BE149024 BE149056 BE152826 BE149025 BE149057 BE152819 BE149030 BE149062 BE149023 BE149055
	455992	1385552_1	BE179015 BE178965 BE179010 BE179002 BE178961 BE179005 BE178964 BE179012 BE179011 BE178963 BE178997
	455995	1388903_1	BE179408 BE179798 BE179980
	456034	142696_1	AW450979 AA136653 AA136656 AW419381 AA984358 AA492073 BE168945 AA809054 AW238038 BE011212 BE011359 BE011367 BE011368 BE011362 BE011215 BE011355 BE011383
50	458804	75603_1	AL157625 N72696 BE622492
	458861	798085_1	AI630223 AI630470
	459160	920051_1	AI904723 AI904725 AI904729 AI904722 AI904758 AI904736
	459201	925883_1	AW391177 W45021
	459267	966805_1	AJ003631 AJ003650 AJ003651

TABLE 29C

60	Pkey:	Unique number corresponding to an Eos probe set		
	Ref:	Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham L. et al." refers to the publication entitled "The DNA sequence of human chromosome 22." Dunham L. et al., Nature (1999) 402:489-495.		
	Strand:	Indicates DNA strand from which exons were predicted.		
	NL_position:	Indicates nucleotide positions of predicted exons.		
65	Pkey	Ref	Strand	NL_position
	400451	8113550	Minus	82189-82320
	400462	9929669	Minus	197610-197785
70	400608	9687666	Minus	96756-97558
	400639	9687597	Plus	23150-23580
	400641	8117693	Plus	4786-4992
	400756	8119084	Minus	38734-38857
	400869	9757489	Minus	91888-92018,98131-98294,99474-99570
	400880	9931121	Plus	29235-29336,36363-36580
75	400889	9958234	Minus	169782-170036
	400983	8081198	Plus	107803-108832
	401045	8117619	Plus	90044-90184,91111-91345
	401049	7232177	Plus	149157-150692
80	401078	3687273	Plus	105052-105171
	401094	9955511	Plus	137130-137302,139283-139506
	401103	8568122	Minus	98330-98449
	401157	9438288	Minus	114133-114247,114567-114645
	401189	9690246	Minus	90815-90929

	401200	9743387	Minus	111586-111806,114791-114916,115419-115583,116351-116446,116847-116907,122853-123057,124982-125407
	401213	9858408	Plus	98243-98380,98489-98619
	401264	9796309	Plus	152209-152383
5	401323	9212516	Plus	213509-214450
	401335	9884881	Plus	15736-16352
	401487	7381770	Plus	92607-92813
	401517	7677912	Plus	29278-29770
	401526	7770561	Plus	91570-93177
10	401575	7229804	Minus	76253-76364
	401694	3540172	Minus	64056-64168
	401793	7263888	Minus	102945-103083
	401862	7770606	Minus	55839-55993,59145-59293
	401878	8099802	Minus	162268-162474,163089-163195
15	401986	4408629	Minus	31137-31293
	402046	8072415	Plus	166394-168556,168167-168395
	402048	8072512	Plus	43936-44078
	402102	8117771	Minus	174566-174740
	402103	7249203	Plus	14453-15414
20	402230	9966312	Minus	29782-29932
	402318	7582559	Minus	12843-13403
	402490	9797648	Plus	149982-150929
	402745	9212200	Minus	76516-76690
	402800	8010175	Plus	43921-44049,46181-46273
25	402812	6010110	Plus	25026-25091,25844-25920
	402820	6456853	Minus	82274-82443
	402855	9662953	Minus	59763-59909
	403133	7331427	Plus	38314-38634
	403271	7230852	Plus	134283-134465
30	403277	8072597	Minus	27494-27642
	403310	8139936	Minus	183883-184026
	403329	8516120	Plus	96450-96598
	403355	8509930	Plus	92839-93036
	403376	9438244	Minus	44264-44443
35	403388	9438331	Plus	112733-113001,114599-114735
	403467	9829566	Minus	73431-73602
	403515	7656757	Minus	173358-179553
	403525	7960440	Plus	152431-153243
	403534	8076917	Minus	46652-47332
40	403568	8101145	Minus	85509-85658
	403574	8101156	Plus	5542-8176
	403637	8671936	Minus	142647-142771,145531-145762
	403677	7331517	Minus	55008-55083,62850-63051
	403691	7387384	Minus	68280-68463
45	403760	7712202	Minus	45910-46280,47563-47824
	403776	7770611	Minus	1414-1513,1624-1756
	403895	7381715	Minus	3502-4002,4070-4308
	403937	7711761	Minus	12609-12773
	404043	9558573	Plus	29042-29135,46597-46699
50	404097	7770701	Plus	55612-55781
	404200	6010176	Minus	7066-7210
	404249	8655533	Plus	64270-64633
	404274	9885189	Plus	104127-104318
	404285	2326514	Plus	32282-32416
55	404288	2769644	Plus	3512-3691
	404356	7830858	Minus	126433-126623
	404443	7579073	Minus	67198-67441
	404476	8080599	Plus	101841-102043
	404488	8113286	Minus	64835-64994
60	404513	6151941	Minus	112837-113339
	404548	8570305	Minus	83896-84162
	404555	7243881	Minus	63953-64157
	404561	9795980	Minus	69039-70100
	404588	6456726	Minus	40059-40210
65	404593	9944086	Minus	74922-75788
	404599	8705107	Plus	110443-110733
	404860	8979555	Plus	65852-66081
	404916	7341826	Plus	91057-91188
	404957	7407927	Plus	147512-148011
70	405041	7547195	Plus	121230-121714
	405059	7855683	Plus	349-822
	405090	8072525	Minus	38552-39202
	405257	7329310	Plus	73121-73273
	405336	6094635	Plus	33287-33563
75	405472	8439781	Plus	106297-106447,108462-108596
	405494	8050952	Minus	70284-70518
	405547	1054740	Plus	124361-124520,124914-125050
	405621	5523811	Plus	59362-59607
	405634	5306288	Plus	17856-17957,18302-18412,18837-18927,22790-22989
80	405654	4895155	Minus	53624-53759
	405682	4314424	Plus	61379-62562
	405759	3288022	Minus	18283-18399
	405829	7109593	Minus	15628-16127
	405948	7651809	Minus	26135-28244



5	405966	8247788	Minus	51762-51978
	405970	8247789	Minus	45795-46295
	406018	6758904	Minus	37795-38168
	406091	9123919	Minus	197370-197935
	406092	9123919	Plus	251370-251797,252168-252682
10	406149	7144791	Minus	44464-45164
	406195	7289992	Minus	36293-36827
	406333	9213235	Plus	64689-64798
	406468	9795553	Plus	4373-4616,6870-9046,11366-11509,11625-11880
	406506	7711374	Minus	6843-8077
15	406554	7711566	Plus	106956-107121
	406603	8272659	Minus	39506-39694

TABLE 30A: ABOUT 1840 GENES UP-REGULATED IN IDIOPATHIC PULMONARY FIBROSIS (IPF) COMPARED TO HYPERSENSITIVITY PNEUMONITIS (HP)

Table 30A lists about 1840 genes that are up regulated in idiopathic pulmonary fibrosis (IPF) samples as compared with hypersensitivity pneumonitis (HP) samples. These were selected from about 59680 probesets on an Affymetrix/Eos Hu03 Gene Chip array such that the ratio of "average" idiopathic pulmonary fibrosis sample expression level to "average" hypersensitivity pneumonitis sample expression was greater than or equal to about 2.0. The "average" idiopathic pulmonary fibrosis level was set to the 90<sup>th</sup> percentile amongst idiopathic pulmonary fibrosis samples. The "average" hypersensitivity pneumonitis level was set to the 90<sup>th</sup> percentile amongst hypersensitivity pneumonitis samples.

Pkey: Unique Eos probeset identifier number  
 ExAccn: Exemplar Accession number, Genbank accession number  
 UnigeneID: Unigene number  
 Unigene Title: Unigene gene title  
 R1: Ratio of IPF (idiopathic pulmonary fibrosis) to HP (hypersensitivity pneumonitis)

	Pkey	ExAccn	Unigene ID	Unigene Title	R1
30	450478	AW451709	Hs.271200	ESTs	20.2
	432365	AK001106	Hs.274419	hypothetical protein FLJ10244	11.9
	405554				11.8
	440209	H05049	Hs.22269	neurexin 3	10.8
	407811	AW190902	Hs.40098	cysteine knot superfamily 1, BMP antagon	10.4
35	439608	W79123	Hs.58561	G protein-coupled receptor 87	10.3
	425259	AL049280	Hs.155397	Homo sapiens mRNA; cDNA DKFZp564K143 (fr	10.2
	426230	AA367019	Hs.241395	protease, serine, 1 (trypsin 1)	9.5
	416653	AA768553	Hs.74170	metallothionein 1E (functional)	9.3
	420481	U05025	Hs.98201	Human BRCA2 region, mRNA sequence CG029	9.2
40	403574				9.1
	415817	U88967	Hs.78867	protein tyrosine phosphatase, receptor-t	8.8
	419519	AI198719	Hs.176376	ESTs	8.2
	435258	AF193766	Hs.13872	cytokine-like protein C17	8.1
	423017	AW178761	Hs.227948	serine (or cysteine) proteinase inhibitor	8.1
45	429629	BE501732	Hs.30522	Homo sapiens cDNA FLJ13010 fis, clone NT	8.0
	405443				7.8
	428765	AA477989	Hs.98800	ESTs	7.7
	441802	AA968638	Hs.127877	ESTs	7.6
	453649	Y07494	Hs.34114	ATPase, Na <sup>+</sup> /K <sup>+</sup> transporting, alpha 2 (-)	7.5
50	447410	AI470235	Hs.172698	EST	7.2
	442353	BE379594	Hs.49135	ESTs, Moderately similar to ALU7_HUMAN A	7.2
	405494				6.9
	442377	AA993807	Hs.167387	ESTs	6.9
	408928	AL137183	Hs.57549	hypothetical protein AJ47384	6.8
55	420407	AA814732	Hs.145010	lipopolysaccharide-specific response 5-II	6.8
	415236	R41400		gb:U94b12.t1 Soares infant brain 1N18 H	6.8
	451562	H04150	Hs.107708	ESTs	6.8
	403310				6.7
	445189	AI936450	Hs.147482	ESTs	6.7
60	409632	W74001	Hs.55279	serine (or cysteine) proteinase inhibitor	6.7
	439780	AL109688		gb:Homo sapiens mRNA full length insert	6.6
	402076				6.6
	415025	AW207091	Hs.72307	ESTs	6.5
	406690	M29540	Hs.220529	carcinoembryonic antigen-related cell ad	6.5
65	438557	AW364104	Hs.143509	hypothetical protein FLJ21924	6.5
	426042	AA419529	Hs.76391	myxovirus (influenza) resistance 1, homo	6.4
	418007	M13509	Hs.83169	matrix metalloproteinase 1 (interstitial)	6.4
	409545	BE296182	Hs.19002	hypothetical protein MGC4675	6.4
	446619	AL078843	Hs.313	secreted phosphoprotein 1 (osteopontin,	6.4
70	411968	AA099113	Hs.118609	ESTs	6.4
	440274	R24595	Hs.7122	scrapie responsive protein 1	6.3
	442879	AF032922	Hs.8813	syntaxin binding protein 3	6.3
	418236	AA330447	Hs.135159	Homo sapiens cDNA FLJ11481 fis, clone HE	6.3
	420185	AL044056	Hs.158047	ESTs	6.3
75	415672	N53097	Hs.193579	ESTs	6.2
	455488	AA102322		gb:U9003.t1 Stratagene colon (937204)	6.2
	420025	AI831190	Hs.166676	ESTs	6.1
	446868	AV660737	Hs.135100	ESTs	6.1
	431622	AV979271	Hs.293184	ESTs	6.1
80	407266	AJ235664		gb:Homo sapiens mRNA for immunoglobulin	6.1
	421300	AW297398	Hs.96617	ESTs	6.0
	416045	H16980	Hs.31403	ESTs	6.0

5	414175	AI308876	Hs.103849	hypothetical protein DKFZp761D112	6.0
	424693	BE169810	Hs.47557	ESTs	6.0
	436397	AA715013	Hs.169836	ESTs	6.0
	440504	AI948966	Hs.130017	ESTs, Weakly similar to JN0908 H <sub>2</sub> -transp	6.0
	409718	D65640	Hs.56045	src homology three (SH3) and cysteine ri	6.0
10	403625				6.0
	418986	AI123555	Hs.81796	ESTs	5.9
	416035	H42314		gb:yo09e02.s1 Scores adult brain N2b5HB5	5.9
	400292	AA250737	Hs.72472	ESTs	5.9
	442849	R10099	Hs.269805	ESTs	5.9
15	440887	AI799488	Hs.135905	ESTs	5.8
	427535	R29543	Hs.2164	pro-platelet basic protein (includes pla	5.7
	410934	AW811114		gb:MR2-ST0131-111199-016-a04 ST0131 Homo	5.7
	431374	BE258532	Hs.251871	GTP synthase	5.7
	444963	AI916973	Hs.213603	ESTs	5.7
20	447530	AW192063	Hs.248865	ESTs, Moderately similar to JC5238 galac	5.6
	444992	R37658	Hs.21375	ESTs	5.6
	416575	W02414	Hs.38383	ESTs	5.5
	431211	M86849	Hs.323733	gap junction protein, beta 2, 28kD (conn	5.5
	451830	H18433	Hs.21542	KIAA1035 protein	5.5
25	446466	H38026	Hs.308	arrestin 3, retinal (X-arrestin)	5.5
	404043				5.5
	423454	AL110455	Hs.469	succinate dehydrogenase complex, subunit	5.5
	455640	BE080231		gb:RC4-BT0629-120200-012-f11 BT0629 Homo	5.5
	434683	AW298724	Hs.202639	ESTs	5.5
30	445898	AF070623	Hs.13423	Homo sapiens clone 24468 mRNA sequence	5.5
	422306	BE044325	Hs.227280	U6 snRNA-associated Sm-like protein	5.5
	428895	AA437124	Hs.187247	ESTs	5.4
	450018	AA421642	Hs.24309	hypothetical protein FLJ11106	5.4
	419249	X14767	Hs.89768	gamma-aminobutyric acid (GABA) A recepto	5.4
35	455047	AW852530		gb:PM1-CT0243-071099-001-g06 CT0243 Homo	5.4
	454039	AW079064	Hs.245540	ESTs	5.3
	403637				5.3
	414725	AA769791	Hs.125300	ring finger protein 21, interferon-respo	5.3
	409073	AA063458		gb:zf71a07.s1 Scores_pineal_gland_N3HPG	5.3
40	403329				5.3
	434001	AW950905	Hs.3697	serine (or cysteine) proteinase inhibitor	5.3
	458654				5.3
	401497				5.3
	410797	AW857191		gb:RC2-CT0304-080100-011-b12 CT0304 Homo	5.2
45	411402	BE297855	Hs.69855	NRAS-related gene	5.2
	448844	AI581519	Hs.177164	ESTs	5.2
	435202	AI971313	Hs.170204	KIAA0551 protein	5.1
	439418	AI282149	Hs.56213	ESTs, Highly similar to FXD3_HUMAN FORKH	5.1
	443654	AI807036	Hs.267245	hypothetical protein FLJ14803	5.1
50	434352	AF129505	Hs.86492	small muscle protein, X-linked	5.1
	430838	N46664	Hs.169395	hypothetical protein FLJ12015	5.1
	430882	BE174240	Hs.79024	heterogeneous nuclear ribonucleoprotein	5.1
	440129	AA865818	Hs.174936	ESTs, Weakly similar to S74886 Ste20-lik	5.0
	437636	AA764781	Hs.291844	ESTs	5.0
55	455747	BE074910		gb:RC5-BT0580-170300-021-F12 BT0580 Homo	5.0
	455464	AW983901		gb:RC1-HN0003-220300-011-f10 HN0003 Homo	5.0
	418771	AA807881	Hs.25329	ESTs	5.0
	434820	AI821863		gb:ns90f05.x5 NCL_CGAP_P3 Homo sapiens	5.0
	440615	AI733055	Hs.130806	ESTs	5.0
60	454482	BE147919		gb:RC3-HT0230-160200-016-a08 HT0230 Homo	4.9
	400432	AX015809	Hs.287767	Sequence 8 from Patent WO9950285	4.9
	436508	AW604381	Hs.121121	ESTs, Weakly similar to S00755 pleckst	4.9
	423607	AA328329	Hs.6581	ESTs	4.9
	407415	AF073328		gb:Homo saplena tetracycline transporter-	4.9
65	401878				4.9
	443162	T49951	Hs.9029	DKFZP434G032 protein	4.9
	451325	AA021283	Hs.59788	ESTs	4.9
	440515	AI131245	Hs.7239	SEC24 (S. cerevisiae) related gene famil	4.9
	406333				4.9
70	409105	AW467539	Hs.255877	ESTs	4.8
	408900	L11690	Hs.620	bulious pemphigoid antigen 1 (230/240kD)	4.8
	421482	AL135462	Hs.104715	Inversin	4.8
	442757	AI739528	Hs.28345	ESTs	4.8
	459717				4.8
75	436637	AI783629	Hs.26766	ESTs	4.8
	412222	AA528283	Hs.292737	ESTs	4.8
	450101	AV649889	Hs.24365	Human hbc647 mRNA sequence	4.8
	410901	AW810001		gb:MR4-ST0124-270300-005-b11 ST0124 Homo	4.8
	426217	AW131888	Hs.172792	ESTs, Weakly similar to hypothetical pro	4.8
80	441640	AI733345	Hs.144104	ESTs	4.8
	422977	AA631498		gb:np83h04.s1 NCL_CGAP_Thy1 Homo sapiens	4.8
	425361	AA355933	Hs.132221	hypothetical protein FLJ12401	4.8
	414955	C15506		gb:C15506 Clontech human aorta polyA+ mR	4.8
	411965	BE467339	Hs.280115	ESTs	4.7
	403341				4.7
	411726	AW858612		gb:CM3-CT0341-190400-152-h12 CT0341 Homo	4.7
	443271	BE568568	Hs.195704	ESTs	4.7

	417181	L10123	Hs.1071	surfactant protein A binding protein	4.7
	426097	BE327369	Hs.112238	ESTs	4.7
	439199	R40373	Hs.26299	ESTs	4.7
5	440728	AW086077	Hs.153272	Homo sapiens cDNA: FLJ22715 fis, clone H	4.6
	434381	AA531834		gb:np77h05.s1 NCL_CGAP_Pr2 Homo sapiens	4.6
	417428	N87579		gb:LL2030F Human fetal heart, Lambda ZAP	4.6
	431291	N25521	Hs.25275	Kruppel-type zinc finger protein	4.6
	431242	AA987742	Hs.251278	KIAA1201 protein	4.6
10	425985	BE394849	Hs.131905	ESTs, Moderately similar to Z195_HUMAN Z	4.6
	442360	AI374621	Hs.29055	ESTs	4.6
	452171	AI863302	Hs.211930	EST	4.6
	440801	AA906366	Hs.190535	ESTs	4.5
	411738	AW859353		gb:MR1-CT0353-150300-102-a12 CT0353 Homo	4.5
15	431447	AA505138	Hs.291341	ESTs	4.5
	433485	AA93076	Hs.201967	aldo-keto reductase family 1, member C2	4.5
	401365				4.5
	408281	BE141183		gb:MR0-HT0071-191199-001-b04 HT0071 Homo	4.5
	411657	AW855589		gb:CM4-CT0278-221099-027-007 CT0278 Homo	4.5
20	423065	R96158	Hs.267130	Homo sapiens, clone MGC:5406, mRNA, comp	4.5
	428528	AI004034	Hs.98638	ESTs	4.5
	454036	AA374756	Hs.93560	Homo sapiens mRNA for KIAA1771 protein,	4.5
	417252	AA195014	Hs.85971	ESTs	4.5
	417135	AA422067	Hs.50547	ESTs	4.5
	403089				4.4
25	420691	AA829433	Hs.275343	ESTs	4.4
	412147	AW895984		gb:QV4-NN0039-040500-197-e08 NN0039 Homo	4.4
	425578	U65652	Hs.158313	chromosome 17 open reading frame 1A	4.4
	430403	AF039390	Hs.241362	tumor necrosis factor (ligand) superfamily	4.4
30	454438	AA224053	Hs.172405	cell division cycle 27	4.4
	435434	AA880387	Hs.187850	ESTs	4.4
	420828	AA280778	Hs.186878	ESTs	4.3
	435586	AI279137	Hs.151498	ESTs	4.3
	452393	H87398	Hs.99858	ribosomal protein L7a	4.3
	416170	H42454	Hs.220545	ESTs	4.3
35	408691	AW250525		gb:2821626.5prime NIH_MGC_7 Homo sapiens	4.3
	428912	AW103117	Hs.98949	ESTs, Weakly similar to MEA6 [H.sapiens]	4.3
	455511	BE144762		gb:CMO-HT0180-041099-065-b04 HT0180 Homo	4.3
	413849	BE173561	Hs.15384	AP1 gamma subunit binding protein 1	4.3
	401189				4.3
40	425733	F13287	Hs.159388	Homo sapiens clone Z3578 mRNA sequence	4.3
	447883	AI047611	Hs.288085	Homo sapiens cDNA FLJ14245 fis, clone OV	4.3
	422654	AA314316	Hs.163725	ESTs	4.3
	435463	AA682507		gb:zj18f08.s1 Soares_fetal_liver_spleen_	4.3
45	417919	AI928203	Hs.86379	ESTs	4.3
	405784				4.3
	431853	AA521034	Hs.70834	ESTs	4.3
	409629	AW449589	Hs.279724	ESTs	4.2
	403281				4.2
	427173	BE255017	Hs.97540	ESTs	4.2
50	433717	AF063536		gb:AF063536 Homo sapiens library (Yu Y)	4.2
	406777	T23625	Hs.150580	putative translation initiation factor	4.2
	410481	R34107	Hs.321450	pregnancy specific beta-1-glycoprotein 2	4.2
	419511	AA429750	Hs.75113	general transcription factor IIIA	4.2
55	452291	AF015592	Hs.28853	CDC7 (cell division cycle 7, S. cerevisiae)	4.2
	449762	N93057	Hs.54888	ESTs	4.2
	421106	AA877124	Hs.172844	ESTs	4.2
	439382	BE247684	Hs.103070	ESTs	4.1
	404957				4.1
	436332	AL049679	Hs.82302	Homo sapiens cDNA FLJ14814 fis, clone NT	4.1
60	446393	AW014174	Hs.301956	zinc finger protein	4.1
	452728	AI915876	Hs.239708	ESTs	4.1
	456386	W28481		gb:47a1 Human retina cDNA randomly prime	4.1
	406288	AW068311	Hs.311054	Homo sapiens mRNA full length insert cDN	4.1
65	416972	BE019670		gb:bb28c01.s1 NIH_MGC_5 Homo sapiens cDN	4.1
	427099	AB032953	Hs.173560	odd Oz/tae-m homolog 2 (Drosophila, mous	4.1
	403344				4.1
	438993	AA828995		gb:cd77b08.s1 NCL_CGAP_Ov2 Homo sapiens	4.1
	444922	AI921750	Hs.144871	Homo sapiens cDNA FLJ13752 fis, clone PL	4.1
70	401596	AA172106	Hs.110950	Rag C protein	4.1
	418693	AI750878	Hs.87409	thrombospondin 1	4.1
	414299	AA142989	Hs.71730	ESTs	4.1
	452744	AI287652	Hs.30504	Homo sapiens mRNA; cDNA DKFZp434E082 (fr	4.0
	458552	AW136139	Hs.245856	ESTs	4.0
75	421065	AA329711		gb:EST33362 Embryo, 12 week fl Homo sapi	4.0
	439294	AW975328	Hs.6523	chromosome 1 open reading frame 12	4.0
	441201	AW118822	Hs.128757	ESTs	4.0
	434377	AW137148	Hs.306593	Homo sapiens cDNA FLJ11382 fis, clone HE	4.0
	440472	AA888169	Hs.169071	ESTs	4.0
	418379	AA218940	Hs.137516	fidgetin-like 1	4.0
80	435878	R08330	Hs.20152	ESTs	4.0
	437263	AA747822		gb:aa97a04.s1 NCL_CGAP_GCB1 Homo sapiens	4.0
	444087	AV647899	Hs.282375	ESTs	4.0
	411745	AW867826		gb:MR0-SN0039-300300-001-c02 SN0039 Homo	4.0

5	438660	U95740	Hs.6349	Homo sapiens, clone IMAGE:3010666, mRNA,	4.0
	405521				4.0
	411597	AW852925		gb:PMO-CT0248-131099-001-F10 CT0248 Homo	4.0
	415555	W05433	Hs.49890	ESTs	4.0
	404822				4.0
10	441107	AA917075	Hs.190520	ESTs	4.0
	404834				4.0
	412768	AW996044	Hs.26239	Human DNA sequence from clone RP11-43882	4.0
	42B102	AA968441	Hs.126866	ESTs	4.0
	436511	AA721252	Hs.291502	ESTs	4.0
15	441247	AW118681	Hs.128051	Homo sapiens thymic stromal lymphopoietin	4.0
	453088	Z25935	Hs.86379	ESTs	3.9
	410811	AW805687	Hs.300648	ESTs	3.9
	425048	H05468	Hs.164502	ESTs	3.9
	431071	AA491379		gb:aa65105.r1 NCI_CGAP_GCB1 Homo sapiens	3.9
20	436298	AW293496	Hs.180138	ESTs	3.9
	440356	AI933184	Hs.127922	ESTs, Moderately similar to S55657 alpha	3.9
	452768	AW069459	Hs.81539	ESTs	3.9
	455241	AW876249		gb:PM4-PT0019-131299-006-B05 PT0019 Homo	3.9
	409070	AA063003	Hs.224580	ESTs	3.9
25	409044	AI129586	Hs.33033	hypothetical protein FLJ14623	3.9
	419091	T85332	Hs.178294	ESTs	3.9
	422591	L07648	Hs.118630	MAX-interacting protein 1	3.9
	403188				3.9
	418857	D10216	Hs.89394	POU domain, class 1, transcription factor	3.9
30	413585	AI133452	Hs.75431	fibrinogen, gamma polypeptide	3.9
	436149	AI754308	Hs.159452	ESTs	3.9
	443682	AI383061	Hs.47248	ESTs, Highly similar to similar to Cdc14	3.9
	437916	BE566249	Hs.20999	hypothetical protein FLJ23142	3.9
	439818	AL360137	Hs.19934	Homo sapiens mRNA full length Insert cDN	3.9
35	438361	AA805666	Hs.146217	Homo sapiens cDNA: FLJ23077 fis, clone L	3.9
	451221	AI949701	Hs.210589	ESTs	3.9
	455475	AW948125		gb:RC0-MT0013-280300-031-a12 MT0013 Homo	3.9
	433197	AB040889	Hs.281022	KIAA1456 protein	3.9
	429881	T80112	Hs.192245	ESTs	3.9
40	415598	AI433185	Hs.9858	ESTs	3.9
	431220	N52837	Hs.102679	ESTs	3.9
	433132	AB026264	Hs.284245	hypothetical protein IMPACT	3.9
	424029	AB014594	Hs.137579	KIAA0694 gene product	3.9
	404443				3.9
45	407340	AA810168	Hs.284289	villigro-associated protein VIT-1	3.9
	410318	AA084050	Hs.269259	ESTs, Weakly similar to S23850 rebovirus	3.9
	412400	AW948066		gb:RC0-MT0012-290300-031-h10 MT0012 Homo	3.9
	427167	AI238607	Hs.99185	hypothetical protein MGC11324	3.9
	438090	AA777534	Hs.191992	ESTs	3.8
50	407938	AA905097	Hs.85050	phospholamban	3.8
	440454	AI733037	Hs.129990	ESTs	3.8
	417706	T90797	Hs.268623	ESTs	3.8
	428692	AI372822	Hs.110103	RNA polymerase I transcription factor RR	3.8
	407762	AW235638	Hs.29475	ESTs	3.8
55	420727	H75701	Hs.99886	complement component 4-binding protein,	3.8
	417508	BE163512	Hs.180877	H3 histone, family 3B (H3.3B)	3.8
	413525	BE145899		gb:MR0-HT0208-221299-204-b10 HT0208 Homo	3.8
	425786	AA354002		gb:EST74529 Pineal gland II Homo sapiens	3.8
	459429	AA278779	Hs.335688	EST	3.8
60	430205	AB025904	Hs.235168	carbonic anhydrase XIV	3.8
	437458	AL380131	Hs.128751	Homo sapiens cDNA FLJ12235 fis, clone MA	3.8
	451073	AI758805	Hs.206063	ESTs	3.8
	452786	R61362	Hs.106542	ESTs, Weakly similar to T09052 hypothet	3.8
	429846	AB023021	Hs.225945	fucosyltransferase 9 (alpha (1,3) fucosy	3.8
65	444414	AW293214	Hs.8752	transmembrane protein 4	3.8
	402615				3.7
	410585	AW770523	Hs.337501	ESTs	3.7
	425168	R96366		gb:yq37d04.s1 Soares fetal liver spleen	3.7
	449729	R72032	Hs.29235	ESTs	3.7
70	459359	N99545		gb:za40a05.r1 Soares fetal liver spleen	3.7
	456443	AW967500	Hs.133543	ESTs	3.7
	439001	AF076068		gb:Homo sapiens full length Insert cDNA	3.7
	443657	R14973		gb:y42f10.s1 Soares fetal liver spleen	3.7
	404193				3.7
75	416379	N38857	Hs.203933	ESTs	3.7
	422511	AJ076442	Hs.117938	collagen, type XVII, alpha 1	3.7
	428603	AA382291		gb:EST95683 Testis I Homo sapiens cDNA 5	3.7
	412589	R28660	Hs.24305	ESTs	3.7
	421037	AI684808	Hs.197653	ESTs	3.7
80	427088	AA398085	Hs.142390	ESTs	3.7
	429927	NM_001115	Hs.2522	adenylate cyclase 8 (brain)	3.7
	453375	AI980114	Hs.240081	ESTs	3.7
	435451	AF195420	Hs.303006	ESTs, Weakly similar to gamma-heretulin	3.7
	451882	AI821324	Hs.100445	ESTs	3.7
	419983	W55956	Hs.94030	Homo sapiens mRNA; cDNA DKFZp586E1624 (f	3.7
	405001	U58195	Hs.296281	Interleukin enhancer binding factor 1	3.7
	422182	AL043892	Hs.180582	Homo sapiens cDNA: FLJ21835 fis, clone H	3.7

	451917	AW391351	Hs.50820	Homo sapiens unknown mRNA	3.7
	432781	NM_014133	Hs.278940	PRO0618 protein	3.7
	443773	AV646462	Hs.30941	calcium channel, voltage-dependent, beta	3.7
5	408964	M21305		gb:Human alpha satellite and satellite 3	3.7
	430682	AW971949	Hs.291252	ESTs, Weakly similar to ZN91_HUMAN ZINC	3.7
	449804	AI535563	Hs.39379	ESTs	3.7
	411505	AF155869	Hs.70565	molybdenum cofactor synthesis 2	3.7
	430603	AA533574	Hs.152274	ESTs	3.7
10	443305	AI050693	Hs.133318	ESTs	3.7
	415076	NM_000857	Hs.77890	guanylate cyclase 1, soluble, beta 3	3.7
	452280	AI911410	Hs.167224	ESTs	3.6
	432189	AA527941		gb:nh30c04.s1 NCL CGAP_Pr3 Homo sapiens	3.6
	406992	S62472		gb:beta-pol=DNA polymerase beta [exon a	3.6
15	441416	AI990139	Hs.148609	ESTs	3.6
	448776	BE302464	Hs.30057	MRS2 (S. cerevisiae)-like, magnesium hom	3.6
	413998	AW103807	Hs.243933	ESTs	3.6
	440385	AA884283	Hs.192136	ESTs	3.6
	431673	AW971302	Hs.293233	ESTs	3.6
20	401887				3.6
	404793				3.6
	422054	AA322506		gb:EST25146 Cerebellum II Homo sapiens c	3.6
	432030	AI908400	Hs.143789	ESTs	3.6
	449645	AI961092	Hs.196155	ESTs	3.6
25	404476				3.6
	449336	AL119995	Hs.15260	ESTs, Highly similar to AC007228.2 BC372	3.6
	401200				3.6
	403937				3.6
	437918	AI761449	Hs.121629	ESTs	3.6
30	443394	AI055855	Hs.133485	ESTs	3.6
	439107	AL046134	Hs.13944	adrenergic, beta, receptor kinase 2	3.6
	417229	AA975096	Hs.19522	hypothetical protein PRO2849	3.6
	425403	AL023753	Hs.156406	Human DNA sequence from clone 1198H6 on	3.6
	436269	AA707472	Hs.190760	ESTs	3.6
35	453823	AL137867		gb:DKFZp761D2315.r1 761 (synonym: hamy2)	3.6
	416394	HE4111		gb:Y57R03.r1 Soares fetal liver spleen	3.6
	432779	AW979241		gb:EST391351 MAGE resequences, MAGP Homo	3.6
	439326	W07140	Hs.54721	ESTs	3.6
	423035	AW449579	Hs.155739	H.sapiens XG mRNA (clone PEP11)	3.6
40	435766	R11673	Hs.185498	ESTs	3.6
	448067	R68568	Hs.183373	src homology 3 domain-containing protein	3.6
	441605	AA984647	Hs.128801	ESTs	3.5
	414400	X05948	Hs.697	Fc fragment of IgE, high affinity I, rec	3.6
	418405	AI868282	Hs.11898	ESTs, Highly similar to KIAA1370 protein	3.5
45	437842	AL079309		gb:Homo sapiens mRNA full length insert	3.5
	450350	T97817	Hs.174880	ESTs	3.5
	451704	AI755209	Hs.205616	ESTs, Weakly similar to ALU1_HUMAN ALU S	3.5
	459037	AW439497	Hs.290856	EST	3.5
	419247	S65731	Hs.89764	fragile X mental retardation 1	3.5
50	423121	AW864848		gb:PM2-SN0018-290300-003-c09 SN0018 Homo	3.5
	426724	AA383623	Hs.293616	ESTs	3.5
	434273	AA913143	Hs.26303	ESTs	3.5
	438042	AW296971	Hs.255593	ESTs	3.5
55	410500	R09442		gb:Y26c09.r1 Soares fetal liver spleen	3.5
	416154	Z46122		gb:HSC0V8031 normalized infant brain cDN	3.5
	418432	M14156	Hs.85112	insulin-like growth factor 1 (somatomed	3.5
	454447	BE163567		gb:QV3-HT0460-230200-101-b08 HT0460 Homo	3.5
	458067	AA393603	Hs.36752	protein kinase anchoring protein GKAP42	3.5
	444338	AI937026	Hs.146642	ESTs	3.5
60	427887	AW003887	Hs.1570	histamine receptor H1	3.5
	415829	AA724373	Hs.49344	hypothetical protein FLJ11008	3.5
	416009	Z43062		gb:HSC12E041 normalized infant brain cDN	3.5
	421515	Y11339	Hs.105352	GaINac alpha-2, 6-sialyltransferase I, I	3.5
	403515				3.5
65	435793	AB037734	Hs.4993	KIAA1313 protein	3.5
	439953	AA918129	Hs.124638	ESTs	3.5
	457620	AA602711	Hs.336753	EST	3.5
	442006	AW975183	Hs.292653	ESTs, Weakly similar to S72482 hypotheti	3.5
	453931	AL121278	Hs.25144	ESTs	3.5
70	453128	AW026516	Hs.31791	acylphosphatase 2, muscle type	3.5
	413468	BE504766		gb:h240g01.x1 NCL CGAP_GC6 Homo sapiens	3.5
	454800	AW810001		gb:MR4-ST0124-270300-005-b11 ST0124 Homo	3.5
	451065	AW295132	Hs.222231	ESTs, Weakly similar to granule cell mar	3.5
	444493	R59410	Hs.282094	ESTs, Moderately similar to I38022 hypot	3.5
75	426447	AV655843	Hs.169919	electron-transfer-flavoprotein, alpha po	3.5
	410908	AA121688	Hs.10592	ESTs	3.5
	440364	AA910460	Hs.128626	ESTs	3.5
	408190				3.5
	430762	AI843652	Hs.105667	ESTs	3.5
80	451182	D52562	Hs.296317	KIAA1789 protein	3.4
	432437	W07089	Hs.293685	ESTs	3.4
	442137	AA977235	Hs.128630	ESTs, Weakly similar to Z192_HUMAN ZINC	3.4
	405970				3.4
	407676	AW064111	Hs.279823	ESTs	3.4

	413141	BE166323		gb:QV4-HT0492-270100-086-e12 HT0492 Homo	3.4
	431418	X68242	Hs.252722	Hin-1	3.4
	431954	AK001974	Hs.272242	hypothetical protein FLJ11112	3.4
5	459371	R20991		gb:yg06h01.r1 Soares infant brain 1N1B H	3.4
	428062	AA420683	Hs.98321	hypothetical protein FLJ14103	3.4
	423841	AW753967		gb:RC2-CT0304-080100-011-h12 CT0304 Homo	3.4
	420430	AI703192		gb:wd92h04.x1 NCI_CGAP_Lu24 Homo sapiens	3.4
	443921	AI091310	Hs.134848	ESTs	3.4
10	444453	AW379394	Hs.145126	ESTs	3.4
	443475	AI066470	Hs.134482	ESTs	3.4
	414136	AA812434	Hs.119023	SMC2 (structural maintenance of chromoso	3.4
	453263	R91778	Hs.99369	ESTs	3.4
	410888	AW861207		gb:RC1-CT0302-120200-013-d04 CT0302 Homo	3.4
15	456303	AA224872	Hs.115088	ESTs	3.4
	431474	AL133990	Hs.190642	ESTs	3.4
	439702	AW085525	Hs.134182	ESTs	3.4
	458797	AW001835	Hs.13323	hypothetical protein FLJ22059	3.4
	430140	AW296771	Hs.221999	ESTs	3.4
20	423871	AA331806		gb:EST35805 Embryo, 8 week I Homo sapien	3.4
	459278	AW294659	Hs.34054	Homo sapiens cDNA: FLJ22488 fis, clone H	3.4
	446672	T05514		gb:EST03403 Fetal brain, Stralzgene [cat	3.4
	431548	AI834273	Hs.9711	novel protein	3.4
	416182	NM_004354	Hs.79069	cyclin G2	3.4
25	422899	D16471	Hs.121571	Human mRNA, Xq terminal portion	3.4
	417853	R07483	Hs.180461	ESTs	3.3
	405455				3.3
	426235	AI631964	Hs.34447	ESTs	3.3
	439567	AI056618	Hs.134314	ESTs	3.3
30	444848	AW451176	Hs.195954	ESTs	3.3
	451426	AW205003	Hs.208063	ESTs	3.3
	408172	W02488	Hs.46039	phosphoglycerate mutase 2 (muscle)	3.3
	401626				3.3
	405780				3.3
35	417991	AA731452	Hs.190008	ESTs	3.3
	443212	AW269515	Hs.102500	hypothetical protein FLJ20481	3.3
	403356				3.3
	404518	AI815601	Hs.79197	CD83 antigen (activated B lymphocytes, I	3.3
40	413581	BE150618		gb:RC3-HT0272-110100-013-c08 HT0272 Homo	3.3
	426701	AI968103	Hs.209461	Homo sapiens cDNA FLJ12836 fis, clone NT	3.3
	445510	AA946676	Hs.282824	ESTs	3.3
	418663	AK001100	Hs.41690	desmocollin 3	3.3
	447617	AI400762	Hs.176575	ESTs	3.3
	448150	AI472167	Hs.302739	ESTs	3.3
45	410140	AL134435	Hs.22269	neurexin 3	3.3
	443283	BE569610		gb:BD1342622F1 NIH_MGC_63 Homo sapiens c	3.3
	454777	AW820027		gb:QVO-ST0294-240300-173-g04 ST0294 Homo	3.3
	410767	AJ001873	Hs.66185	Homo Sapiens mRNA, partial cDNA sequence	3.3
	433183	AF231338	Hs.222024	transcription factor BMAL2	3.3
50	436168	AK000883	Hs.301645	Homo sapiens cDNA FLJ10021 fis, clone HE	3.3
	438456	AA913381	Hs.190513	ESTs	3.3
	411185	AW821257		gb:PM3-ST0307-231299-001-b11 ST0307 Homo	3.3
	411860	AW872477		gb:hnm30R03.x1 NCI_CGAP_Thy4 Homo sapiens	3.3
	433567	AF073299	Hs.103132	solute carrier family 9 (sodium/hydrogen	3.3
55	433805	AA706810	Hs.112742	ESTs	3.3
	409434	AF278761	Hs.131581	Homo sapiens testis transcript Y 7 (TTY7	3.3
	440184	AB002297	Hs.7022	dedicator of cyto-kinesis 3	3.3
	456555	AW592167	Hs.293299	ESTs	3.3
	419189	T96862	Hs.112318	6.2 kd protein	3.3
60	428548	AF052728	Hs.188021	potassium voltage-gated channel, subfam	3.3
	407985	AI094748	Hs.100134	hypothetical protein FLJ12787	3.3
	413200	AA127395	Hs.222414	ESTs	3.3
	416421	AA134006	Hs.79306	eukaryotic translation initiation factor	3.3
	416737	AF154335	Hs.79691	LIM domain protein	3.3
65	428358	AL046991	Hs.10338	ESTs	3.3
	429216	AI369472	Hs.65407	ESTs	3.3
	432488	AA551010	Hs.216640	ESTs	3.3
	433388	AW360833		gb:PM1-CT0243-201099-004-d08 CT0243 Homo	3.3
	400889				3.3
70	416294	D86980	Hs.79170	KIAA0227 protein	3.3
	446190	AI279299	Hs.256584	ESTs	3.3
	417801	AA417383	Hs.82582	integrin, beta-like 1 (with EGF-like rep	3.3
	418122	R42778	Hs.22217	Homo sapiens clone IMAGE:32106, mRNA seq	3.3
	418375	NM_003081	Hs.84389	synaptosomal-associated protein, 25kd	3.3
75	443357	AW071349	Hs.215837	ESTs	3.3
	446845	AI336596	Hs.158294	ESTs	3.3
	434294	AJ271379	Hs.76194	ribosomal protein S5	3.3
	452372	AI886742	Hs.228474	ESTs	3.3
	414241	AA425085	Hs.4007	Sarcolemmal-associated protein	3.2
80	436882	AB018305	Hs.5378	spandin 1, (f-spondin) extracellular mat	3.2
	430548	AW450575	Hs.163203	ESTs, Weakly similar to B34087 hypotheti	3.2
	427119	AW680562	Hs.114574	ESTs	3.2
	437073	AI885808	Hs.94122	ESTs	3.2
	437845	AA769578	Hs.90488	ESTs	3.2

5	454962	AW847645		gb:IL3-CT0213-280100-066-A04 CT0213 Homo	3.2
	414394	AI904738	Hs.76053	DEAD/H (Asp-Glu-Ala-Asp/His) box polypep	3.2
	417175	R44558	Hs.94002	ESTs	3.2
	456536	AW135986	Hs.257859	ESTs	3.2
	401132				3.2
10	407764	BE006347		gb:CM0-BN0154-080400-325-h04 BN0154 Homo	3.2
	428004	AA449563	Hs.151393	glutamate-cysteine ligase, catalytic sub	3.2
	450947	AI745400	Hs.204662	ESTs	3.2
	456606	AI827786	Hs.259044	ESTs	3.2
	452879	AW905328	Hs.180842	ribosomal protein L13	3.2
15	454754	AW819191		gb:CM1-ST0283-071299-061-d08 ST0283 Homo	3.2
	429479	AA453488	Hs.99333	ESTs	3.2
	448090	AI608821	Hs.270289	ESTs	3.2
	401324				3.2
	404731				3.2
20	419936	AI792786		gb:c91d05.y5 NCI_CGAP_Kd5 Homo sapiens	3.2
	456571	BE003714		gb:CV3-BN0096-200400-161-a01 BN0096 Homo	3.2
	433690	AA889328	Hs.112950	ESTs	3.2
	415239	R42608	Hs.139270	ESTs	3.2
	418678	W20090	Hs.6616	ESTs	3.2
25	438079	R09564	Hs.191223	ESTs	3.2
	422183	AA431698	Hs.112794	Human DNA sequence from clone 1068E13 on	3.2
	457460	AI143312	Hs.129206	casein kinase 1, gamma 3	3.2
	454145	AA046872	Hs.62788	ESTs	3.2
	446577	AB040933	Hs.15420	KIAA1500 protein	3.2
30	430664	AW969834	Hs.303303	ESTs	3.2
	404588				3.2
	407834	AW084991	Hs.26100	ESTs	3.2
	413087	BE054655		gb:RC1-BT0313-301299-012-c09 BT0313 Homo	3.2
	440790	AW593050	Hs.128580	ESTs	3.2
35	452081	AW958859	Hs.7514	Homo sapiens cDNA FLJ12141 fis, clone MA	3.2
	421916	R34441	Hs.101007	Homo sapiens cDNA: FLJ23546 fis, clone L	3.2
	419261	X07876	Hs.89791	wingless-type MMTV Integration site fami	3.2
	419340	AA236590	Hs.87530	ESTs	3.2
	444771	AB023201	Hs.11912	KIAA0984 protein	3.2
40	446233	AV653034	Hs.297559	ESTs	3.2
	457030	AI301740	Hs.173381	dihydropyrimidinase-like 2	3.2
	408334	AW514652	Hs.321637	ESTs	3.2
	410086	AA428482	Hs.58589	glycogenin 2	3.2
	411018	AW813428		gb:MR3-ST0192-010200-210-c05 ST0192 Homo	3.2
45	403623				3.2
	432223	AA333283	Hs.121001	Homo sapiens, clone IMAGE:3460280, mRNA	3.2
	444050	AW138295	Hs.135024	ESTs	3.2
	421036	AA810560	Hs.303577	ESTs	3.2
	401459				3.1
50	404404				3.1
	450438	AI696071	Hs.253800	ESTs	3.1
	414523	AI076633	Hs.76353	serine (or cysteine) proteinase inhibitor	3.1
	419169	AW851980	Hs.282346	ESTs, Weakly similar to S72452 hypothetical	3.1
	441274	AW593781	Hs.131357	ESTs	3.1
55	450785	AA852713	Hs.25459	Homo sapiens, alpha-1 (VI) collagen	3.1
	452401	NM_007115	Hs.29352	tumor necrosis factor, alpha-induced pro	3.1
	400816				3.1
	410307	AF022913	Hs.62187	phosphatidylinositol glycan, class K	3.1
	431908	AW328038	Hs.37486	ESTs	3.1
60	440046	AW402306	Hs.6877	hypothetical protein FLJ10483	3.1
	450271	AI693900	Hs.200920	ESTs	3.1
	415811	AA450191	Hs.172963	hypothetical protein FLJ14624	3.1
	445273	Z39840	Hs.22229	ESTs	3.1
	450519	AA010086	Hs.224849	Homo sapiens cDNA FLJ12583 fs, clone NT	3.1
65	451421	W16522	Hs.237689	Homo sapiens cDNA FLJ13539 fs, clone PL	3.1
	446364	AB006624	Hs.14912	KIAA0285 protein	3.1
	436638	AI271945	Hs.134984	ESTs	3.1
	418079	R40058	Hs.6911	ESTs	3.1
	448466	AI522109	Hs.171066	ESTs	3.1
70	448835	BE277929	Hs.11081	UBX domain-containing 2	3.1
	415046	R40018	Hs.56400	ESTs	3.1
	448134	AI470790	Hs.34494	ESTs	3.1
	456027	BE327387	Hs.13913	KIAA1577 protein	3.1
	456023	AW978161	Hs.268555	5'-3' exonuclease 2	3.1
75	417079	U65590	Hs.81134	interleukin 1 receptor antagonist	3.1
	421308	AA687322	Hs.192843	leucine zipper protein FKSG14	3.1
	414864	R54418	Hs.183745	hypothetical protein FLJ13456	3.1
	449138	AW294216	Hs.196631	ESTs	3.1
	455756	BE079307		gb:RC1-BT0623-120200-011-g09 BT0623 Homo	3.1
80	428170	H05530	Hs.12565	ESTs	3.1
	429878	AA460188	Hs.127263	ESTs	3.1
	455000	AW850283	Hs.324429	Homo sapiens cDNA FLJ14015 fis, clone HE	3.1
	438369	T77886	Hs.83428	nuclear factor of kappa light polypeptid	3.1
	415840	R15955	Hs.21758	ESTs	3.1
	444955	AW002844	Hs.148641	ESTs	3.1
	436020	AA778177	Hs.121724	ESTs	3.1
	453051	AW196690	Hs.224269	ESTs	3.1

	426178	H16097	Hs.161027	ESTs	3.1
	402145				3.1
	410685	AA497117	Hs.129600	ESTs, Moderately similar to ALU1_HUMAN A	3.1
	449238	AA428229	Hs.331561	muscle-specific RING-finger protein 3	3.1
5	458737	BE247203	Hs.124831	CGI-67 protein	3.1
	438214	H06076	Hs.26320	TRABID protein	3.1
	436250	AY004867	Hs.85844	neurotrophic tyrosine kinase, receptor,	3.1
	411622	AI807894	Hs.47274	Homo sapiens mRNA; cDNA DKFZp564B176 (fr	3.0
10	418454	AA315308	Hs.195870	hypothetical protein FLJ14991	3.0
	449357	AI076363	Hs.288806	Homo sapiens cDNA FLJ11778 fis, clone HE	3.0
	418950	T78517	Hs.13941	ESTs	3.0
	431508	NM_012481	Hs.182979	ribosomal protein L12	3.0
	405090				3.0
15	445409	AI949081	Hs.147862	ESTs	3.0
	452778	R71338	Hs.5921	Homo sapiens cDNA: FLJ21592 fis, clone C	3.0
	455577	BE006341		gb:RC2-BN0127-240300-011-b05 BN0127 Homo	3.0
	408235	AA053381	Hs.75969	proline-rich protein with nuclear target	3.0
	436194	AI001074	Hs.333435	Homo sapiens cDNA FLJ10212 fis, clone HE	3.0
20	452073	AA626160	Hs.82098	ESTs	3.0
	427050	AA397789	Hs.161803	ESTs	3.0
	427244	AA402400	Hs.178045	ESTs	3.0
	448405	AW207634	Hs.170849	ESTs	3.0
	433767	AA609245		gb:af13a11.s1 Soares_testis_NHT Homo sap	3.0
25	421376	AA287948	Hs.134110	ESTs	3.0
	441519	AA972740	Hs.127092	ESTs	3.0
	404367				3.0
	453502	AL039786	Hs.21273	transcription factor NYD-sp10	3.0
	421948	L42583	Hs.334309	keratin 8A	3.0
30	438165	AA779344	Hs.138136	ESTs, Weakly similar to 1510254A L1 repe	3.0
	400608				3.0
	404042				3.0
	405229				3.0
	411411	AA345241	Hs.55950	ESTs, Weakly similar to KIAA1330 protein	3.0
35	416452	F09134	Hs.12839	ESTs	3.0
	430371	DB7466	Hs.240112	KIAA0276 protein	3.0
	447046	AA326187	Hs.17170	G protein-coupled receptor 4	3.0
	455851	BE146879		gb:QV4-HT0222-261099-014-c11 HT0222 Homo	3.0
	429014	AI800518	Hs.118158	ESTs	3.0
40	405805				3.0
	400227				3.0
	439037	AF075084		gb:Homo sapiens full length insert cDNA	3.0
	439893	AI741816	Hs.125897	ESTs	3.0
45	427533	R38022	Hs.179566	hypothetical protein FLJ22624	3.0
	418355	L42563	Hs.1165	ATPase, H <sup>+</sup> /K <sup>+</sup> -transporting, nongastric,	3.0
	433536	AI732163	Hs.188909	ESTs, Weakly similar to alternatively sp	3.0
	449446	AI521251	Hs.171030	ESTs	3.0
	449623	C00719	Hs.120440	EST	3.0
	445568	H00918	Hs.288744	KIAA1795 protein	3.0
50	440448	AA885423	Hs.125646	ESTs	3.0
	428201	AA424153	Hs.206461	ESTs	3.0
	444148	AW003204	Hs.151167	ESTs	3.0
	447972	AL137275	Hs.20137	hypothetical protein DKFZp434P0116	3.0
	432504	AA928829	Hs.47099	hypothetical protein FLJ21212	3.0
55	440925	AW511090	Hs.130419	ESTs	3.0
	428388	AI249368	Hs.98558	ESTs	3.0
	415913	H70302		gb:yr95K07.r1 Soares fetal liver spleen	3.0
	418145	AF121260	Hs.83577	cysteine and glycine-rich protein 3 (car	3.0
	413262	BE074910		gb:RC5-BT0580-170300-021-F12 BT0580 Homo	3.0
60	400335	Y13187	Hs.248067	Homo sapiens dmd gene, Intron 11	3.0
	426132	AA370501		gb:EST82261 Prostate gland 1 Homo sapien	3.0
	436938	AW139680	Hs.161393	ESTs	3.0
	437960	R50393	Hs.278436	KIAA1474 protein	3.0
	455955	BE162394		gb:PM2-HT0451-170100-004-a08 HT0451 Homo	3.0
65	414899	AW975433	Hs.36288	ESTs	2.9
	403786				2.9
	430187	AI799909	Hs.158989	ESTs	2.9
	451700	AI470262	Hs.29553	ESTs	2.9
	455866	BE149024		gb:CM0-HT0249-291099-084-c04 HT0249 Homo	2.9
70	445900	AF070526	Hs.13429	Homo sapiens clone 24787 mRNA sequence	2.9
	457041	AA399018	Hs.250835	ESTs	2.9
	415716	N59294	Hs.179662	nucleosome assembly protein 1-like 1	2.9
	422336	AI761322	Hs.115285	dihydrodipicolinate S-acetyltransferase (E2	2.9
	451664	AA889081	Hs.153952	5' nucleotidase (CD73)	2.9
75	407244	M10014	Hs.75431	fibrinogen, gamma polypeptide	2.9
	455249	AW878538		gb:RC3-PT0028-190100-012-b06 PT0028 Homo	2.9
	428862	NM_000348	Hs.2316	SRY (sex determining region Y)-box 9 (ca	2.9
	406076	AL390179	Hs.137011	Homo sapiens mRNA; cDNA DKFZp547P134 (fr	2.9
	405302				2.9
80	400325	M85292	Hs.247924	Homo sapiens endogenous HIV-1 related se	2.9
	408408	AF070571	Hs.44680	Homo sapiens clone 24739 mRNA sequence	2.9
	423119	AA322201	Hs.131976	ESTs	2.9
	424152	AL133591	Hs.141480	Homo sapiens mRNA; cDNA DKFZp434N079 (fr	2.9
	431980	AA523695	Hs.324507	hypothetical protein FLJ20986	2.9



	425793	AA383946	Hs.20969	ESTs	2.9
	401462				2.9
	458817	A1522129	Hs.173119	ESTs	2.9
5	422163	AF027208	Hs.112360	prominin (mouse)-like 1	2.9
	419875	AA853410	Hs.93557	proenkephalin	2.9
	423047	NM_005323	Hs.123064	H1 histone family, member Y (testis-spec	2.9
	425349	AA425234	Hs.79886	ribose 5-phosphate isomerase A (ribose 5	2.9
	401368				2.9
10	418531	R96760	Hs.183768	ESTs	2.9
	447290	A1476732	Hs.263912	ESTs	2.9
	441143	A1027604	Hs.159550	ESTs	2.9
	431292	AA370141	Hs.2281	chromogranin B (secretogranin 1)	2.9
	405783				2.9
15	444459	A1680624	Hs.148676	ESTs	2.9
	402112	R58624	Hs.2186	eukaryotic translation elongation factor	2.9
	425746	U44060	Hs.14427	Homo sapiens cDNA: FLJ21800 fis, clone H	2.9
	444827	R09764	Hs.20416	ESTs	2.9
	451195	U10492	Hs.438	mesenchyme homeo box 1	2.9
20	411417	AW845481		gb:MR1-CT0056-201199-008-b04 CT0056 Homo	2.9
	418343	AA216372	Hs.169501	ESTs	2.9
	431595	AA508196		gb:nh80107.s1 NCL CGAP_Pr8 Homo sapiens	2.9
	436187	AK000998	Hs.297221	Homo sapiens cDNA FLJ10136 fis, clone HE	2.9
	455899	BE068121		gb:CM1-BT0368-061299-060-a02 BT0368 Homo	2.9
25	459440	BE048054		gb:tz46c03.y1 NCL CGAP_Bm52 Homo sapien	2.9
	428832	AA578229	Hs.324239	ESTs, Moderately similar to ZN91_HUMAN Z	2.9
	423492	AF020761	Hs.128583	ubiquitin-conjugating enzyme E2D 1 (homo	2.9
	424235	NM_003181	Hs.143507	T brachyury (mouse) homolog	2.9
30	437913	A1140825	Hs.121823	ESTs	2.9
	443185	NM_006134	Hs.284142	chromosome 21 open reading frame 4	2.9
	443458	R05385	Hs.143509	hypothetical protein FLJ21824	2.9
	426803	AA362568	Hs.179747	ecotropic viral integration site 5	2.9
	437183	A1928184	Hs.122011	ESTs	2.9
	420879	N31165	Hs.238837	ESTs, Weakly similar to S43603 RNA bindi	2.9
35	442726	AW136066	Hs.19145	ESTs	2.9
	456189	H91010	Hs.44940	ESTs	2.9
	441115	R69910	Hs.29041	Homo sapiens cDNA FLJ14177 fis, clone NT	2.9
	435563	AF210317	Hs.95497	solute carrier family 2 (facilitated glu	2.9
40	415628	F13080		gb:HSC3D041 normalized infant brain cDN	2.9
	423837	AL137279	Hs.130187	Homo sapiens mRNA; cDNA DKFZp434O1214 (f	2.9
	443246	T75157	Hs.337603	ESTs, Weakly similar to T08680 hypotheti	2.9
	450877	A1799608	Hs.29178	ESTs	2.9
	439063	AF085922	Hs.113968	ESTs	2.9
	401526				2.9
45	408751	N91553	Hs.258343	ESTs	2.9
	417320	AA195667	Hs.86022	ESTs	2.9
	442927	A1024347	Hs.131619	ESTs	2.9
	444126	A1124882	Hs.118121	ESTs	2.9
	452148	AF007143	Hs.28205	Homo sapiens clone 23738 mRNA sequence	2.9
50	453901	BE065902		gb:RC2-BT0318-150200-011-b09 BT0318 Homo	2.9
	452589	BE159915	Hs.61406	ESTs, Weakly similar to 2004389A chromos	2.8
	403011				2.8
	436154	AA764950	Hs.119898	ESTs	2.8
	408221	AA912183	Hs.47447	ESTs	2.8
55	430345	AK000282	Hs.239681	hypothetical protein FLJ20275	2.8
	415399	T26994	Hs.177198	ESTs	2.8
	441817	AW969706	Hs.293332	ESTs	2.8
	443558	AA256769	Hs.94949	methylmalonyl-CoA epimerase	2.8
60	455092	BE152428		gb:CM0-HT0323-151299-126-b04 HT0323 Homo	2.8
	439703	AF086538	Hs.196245	ESTs	2.8
	411024	BE062580		gb:QV1-BT0260-281099-023-f05 BT0260 Homo	2.8
	414546	BE379492		gb:601236215F1 NIH_MGC_44 Homo sapiens c	2.8
	434715	BE005346	Hs.116410	ESTs	2.8
	407594	AW057584	Hs.160881	ESTs	2.8
65	439235	N45513	Hs.46608	ESTs	2.8
	453736	AL118874	Hs.34871	zinc finger homeobox 19	2.8
	404967				2.8
	437783	A1683160	Hs.201550	ESTs, Weakly similar to ALU1_HUMAN ALU 8	2.8
	412887	BE007420		gb:PM3-BN0142-200300-001-c04 BN0142 Homo	2.8
70	426942	AA393551	Hs.97450	ESTs	2.8
	403513				2.8
	419077	AA233885	Hs.164526	ESTs	2.8
	421823	N40850	Hs.28625	ESTs	2.8
	425664	AJ006276	Hs.159003	transient receptor potential channel 6	2.8
75	451007	H38108	Hs.32759	ESTs	2.8
	407803	AW081681	Hs.269064	ESTs, Weakly similar to T42689 hypotheti	2.8
	409842	AW450809	Hs.257347	ESTs	2.8
	439492	AF086310	Hs.103159	ESTs	2.8
	420814	AA721156	Hs.190440	ESTs	2.8
80	449508	AK001586	Hs.23618	hypothetical protein FLJ10704	2.8
	428350	AW873520	Hs.112017	GE36 gene	2.8
	405456				2.8
	442459	A1264828	Hs.125428	ESTs	2.8
	415763	Z42285	Hs.5181	proliferation-associated 2G4, 38kD	2.8

5	428532	AF157326	Hs.184786	TBP-interacting protein	2.8
	436720	AW975902		gb:EST388011 MAGE resequences, MAGN Homo	2.8
	449539	W80363	Hs.58446	ESTs	2.8
	415533	T74009	Hs.268738	ESTs, Weakly similar to ALU7_HUMAN ALU S	2.8
	408749	H65489	Hs.250659	ESTs	2.8
10	404652			ESTs	2.8
	423130	AW697586	Hs.21213	ESTs	2.8
	424980	BE245380	Hs.153952	5' nucleotidase (CD73)	2.8
	402131			ESTs	2.8
	419530	X98330	Hs.90821	ryanodine receptor 2 (cardiac)	2.8
15	456116	AA380267	Hs.78277	DKFZP434F2021 protein	2.8
	444217	AV648751	Hs.282395	ESTs	2.8
	449579	AW207260	Hs.134014	ESTs, Weakly similar to T46425 hypotheti	2.8
	412323	AW937143		gb:PM1-DT0041-281299-001-F01 DT0041 Homo	2.8
	418912	NM_000885	Hs.89472	angiotensin receptor 1	2.8
20	433513	AI565356	Hs.171437	ESTs	2.8
	448912	DB3781	Hs.22559	KIAA0197 protein	2.8
	451496	AW503407		gb:UH-HF-BN0-akw-d-11-0-UJ1 NIH_MGC_50	2.8
	420273	AI652864	Hs.197257	ESTs	2.8
	451949	U03684	Hs.463	potassium inwardly-rectifying channel, s	2.8
25	420756	AA411800	Hs.189900	ESTs	2.8
	423532	BE090603		gb:RC6-BT0717-110400-011-F11 BT0717 Homo	2.8
	425012	T77666	Hs.92414	Homo sapiens cDNA: FLJ22030 fis, clone H	2.8
	441609	AA946764	Hs.133480	ESTs	2.8
	448870	BE181783	Hs.175358	ESTs, Weakly similar to A47582 B-cell gr	2.8
30	451206	H66228	Hs.271780	ESTs, Weakly similar to I38022 hypotheti	2.8
	457314	AA479597	Hs.193689	hypothetical protein DKFZp586J1119	2.8
	416192	NM_005036	Hs.998	peroxisome proliferative activated recep	2.8
	418888	ALU076801	Hs.89436	cadherin 17, LI cadherin (liver-intestin	2.8
	455310	AW893961		gb:RC4-NN0027-060400-011-d11 NN0027 Homo	2.8
35	459450	AA426429	Hs.98463	EST	2.8
	424188	AW954552	Hs.142634	zinc finger protein	2.7
	423575	C18863	Hs.163443	Homo sapiens cDNA FLJ11576 fis, clone HE	2.7
	427443	AA402713	Hs.97872	ESTs	2.7
	452082	BE245374	Hs.27842	hypothetical protein FLJ11210	2.7
40	413091	BE065063		gb:RC1-BT0313-110500-017-e02 BT0313 Homo	2.7
	421003	T72080	Hs.95667	F-box protein 30	2.7
	429593	AK000332	Hs.209927	Homo sapiens cDNA FLJ20325 fis, clone HE	2.7
	445611	AW418497	Hs.145583	ESTs	2.7
	412494	AL133900	Hs.792	ADP-ribosylation factor domain protein 1	2.7
45	406243	Y00787	Hs.624	Interleukin 8	2.7
	407308	H67394	Hs.331325	ESTs, Weakly similar to I38022 hypotheti	2.7
	423728	AW891294	Hs.132136	solute carrier family 4, sodium bicarbon	2.7
	404587	M99587	Hs.104134	homeo box (H6 family) 1	2.7
	410483	BE163667		gb:QV3-HT0460-230200-101-b08 HT0460 Homo	2.7
50	416431	AW384459	Hs.172004	tin	2.7
	416805	F13271	Hs.79981	Human clone 23560 mRNA sequence	2.7
	417177	NM_004458	Hs.81462	fatty-acid-Coenzyme A ligase, long-chain	2.7
	427134	AA398409	Hs.173561	EST	2.7
	428137	AA421792	Hs.170999	ESTs	2.7
55	430844	T94960		gb:ye38d07.r1 Stratagene lung (937210) H	2.7
	441218	BE327561	Hs.202345	ESTs	2.7
	440911	AA808536	Hs.143582	ESTs	2.7
	411131	AW819212		gb:CM1-ST0283-071299-061-c07 ST0283 Homo	2.7
	438602	AI167149	Hs.123374	ESTs, Weakly similar to mariner transpos	2.7
60	441191	AI693930	Hs.148816	ESTs	2.7
	403776			ESTs	2.7
	420169	AI572490	Hs.99785	Homo sapiens cDNA: FLJ21245 fis, clone C	2.7
	427839	AA808823	Hs.98244	ESTs	2.7
	429905	AL080128	Hs.225998	DKFZP434C153 protein	2.7
65	449396	BE169100	Hs.195029	ESTs	2.7
	450777	AA255848	Hs.60478	ESTs, Moderately similar to S47073 finge	2.7
	458043	AW979009	Hs.326108	ESTs	2.7
	405523			ESTs	2.7
	434849	AW292785	Hs.8063	ESTs	2.7
70	452755	AW138937	Hs.213436	ESTs, Weakly similar to A34087 hypotheti	2.7
	438055	AA776655	Hs.270942	ESTs	2.7
	420908	AL049974	Hs.100261	Homo sapiens mRNA; cDNA DKFZp564B222 (fr	2.7
	405738			ESTs	2.7
	417606	AI867277	Hs.183733	ESTs	2.7
75	430698	AA492071		gb:ne97b04.s1 NCI_CGAP_Kid1 Homo sapiens	2.7
	441969	AI733386	Hs.129194	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.7
	446092	N33522	Hs.145894	ESTs	2.7
	456869	BE467912	Hs.154294	discs, large (Drosophila) homolog 1	2.7
	413617	BE155373	Hs.279518	amyloid beta (A4) precursor-like protein	2.7
80	444931	AV652068	Hs.75113	general transcription factor IIIA	2.7
	412236	AW902583		gb:QV3-NN1024-260400-171-f10 NN1024 Homo	2.7
	453264	AA034137	Hs.271955	ESTs	2.7
	438370	AA843242	Hs.48623	ESTs	2.7
	406092			ESTs	2.7
	454874	AW836407	Hs.270143	extracellular glycoprotein EMILIN-2 prec	2.7
	455880	BE153208		gb:PMO-HT0335-050400-007-F10 HT0335 Homo	2.7
	459275	AI608913	Hs.339352	Homo sapiens brother of CDO (BOC) mRNA,	2.7

	411987	AA375975	Hs.183380	ESTs, Moderately similar to ALU8_HUMAN A	2.7
	441884	AW172630	Hs.144884	ESTs	2.7
	416211	R14625		gb:yg45c03.r1 Soares Infant brain 1NIB H	2.7
5	433128	AB021923	Hs.23367	EST-YD1 protein	2.7
	452259	AA317439	Hs.28707	signal sequence receptor, gamma (translo	2.7
	453696	A1989482	Hs.146286	kinesin family member 13A	2.7
	456208	AW299698	Hs.334625	Homo sapiens cDNA FLJ14890 fis, clone PL	2.7
	425876	AW005887	Hs.234058	ESTs	2.7
10	450458	AA009925		gb:z07e05.r1 Soares_fetal_liver_spleen_	2.7
	406603				2.7
	410181	AM68210	Hs.261285	pleiotropic regulator 1 (PRL1, Arabidops	2.7
	410871	D78367	Hs.66739	keratin 12 (Meesmann corneal dystrophy)	2.7
	412706	R97106	Hs.167546	ESTs	2.7
	422897	AA679784	Hs.4290	ESTs	2.7
15	436329	A1798750	Hs.163960	Homo sapiens heat shock transcription fa	2.7
	436679	A1127483	Hs.120451	ESTs, Weakly similar to unnamed protein	2.7
	455992	BE179015		gb:RC3-HT0612-080500-013-h10 HT0612 Homo	2.7
	452594	AL076405	Hs.29981	solute carrier family 26 (sulfate transp	2.7
20	419296	AA236115	Hs.120785	ESTs	2.7
	454747	AW818535		gb:RC1-ST0278-140300-016-005 ST0278 Homo	2.7
	455791	BE090689		gb:RC1-BT0720-280300-011-008 BT0720 Homo	2.7
	411409	AW844803		gb:RC3-CN0058-170300-015-009 CN0058 Homo	2.7
	426662	AA879474	Hs.122710	ESTs	2.7
25	400268				2.7
	438782	AA828380	Hs.126733	ESTs	2.7
	443764	F23283		gb:HSPD22980 HM3 Homo sapiens cDNA clone	2.7
	412486	AF210650	Hs.150858	NAG19 protein	2.7
	411514	AW850178		gb:IL3-CT0219-271099-022-H12 CT0219 Homo	2.7
30	457900	AW976892	Hs.291665	ESTs	2.7
	417376	AA253314	Hs.154103	UIM protein (similar to rat protein kina	2.7
	426882	AV680038	Hs.2056	UDP glycosyltransferase 1 family, polype	2.7
	435608	AW183971	Hs.250896	ESTs	2.7
	413527	BE182082	Hs.246973	ESTs	2.7
35	432415	T16971	Hs.289014	ESTs, Weakly similar to A43932 mucin 2 p	2.7
	445660	A1702668	Hs.201955	ESTs	2.7
	441396	AW293677	Hs.186890	ESTs	2.6
	452046	AB018345	Hs.27657	KIAA0802 protein	2.6
	454936	AW846082		gb:MR3-CT0176-081099-002-d01 CT0176 Homo	2.6
40	454434	AA089558	Hs.261286	ESTs	2.6
	436588	A1942357	Hs.187870	ESTs	2.6
	431813	AA018615	Hs.264482	Homo sapiens mRNA; cDNA DKFZp761A0411 (f	2.6
	400812	BE397160	Hs.254763	ESTs, Weakly similar to A42442 Integrin	2.6
	416890	HB4078	Hs.108551	ESTs	2.6
45	436471	AA719813	Hs.117662	ESTs	2.6
	425659	AK000580	Hs.158835	hypothetical protein FLJ20583	2.6
	426237	AK001104	Hs.168241	hypothetical protein FLJ10242	2.6
	458257	U48351	Hs.201219	ESTs, Weakly similar to S18945 ultra hig	2.6
	455544	AW893880		gb:RC3-BN0034-240400-017-d09 BN0034 Homo	2.6
50	407494	U10072		gb:Human forkhead family (AFX1) mRNA, pa	2.6
	452821	AW471181	Hs.160874	ESTs	2.6
	434222	AF119886	Hs.283941	Homo sapiens PRO2591 mRNA, complete cds	2.6
	428864	AA460039	Hs.286	ribosomal protein L4	2.6
	456273	AF154846	Hs.11148	zinc finger protein	2.6
55	402603				2.6
	411162	AW819844		gb:QV0-ST0294-240300-172-e03 ST0294 Homo	2.6
	420621	AA278808		gb:z979c09.r1 NCL_CGAP_GCB1 Homo sapiens	2.6
	435113	AA865469	Hs.117136	ESTs	2.6
	438188	AA779975	Hs.128859	ESTs	2.6
60	438295	A1394151	Hs.37932	ESTs	2.6
	450181	H05254	Hs.201198	ESTs	2.6
	433764	AW753676	Hs.39982	ESTs	2.6
	433229	AB040925	Hs.91625	KIAA1492 protein	2.6
	443718	A1083580	Hs.221373	ESTs	2.6
65	418248	A1472179	Hs.121276	ESTs, Weakly similar to R5HU7A ribosomal	2.6
	453930	AA419488	Hs.36727	hypothetical protein FLJ10903	2.6
	400365	Y10259	Hs.274501	H.sapiens ACTH receptor mRNA 3'UTR	2.6
	419318	AW869742	Hs.291005	ESTs	2.6
	428527	A1902398	Hs.34492	Oyt19 protein	2.6
70	404414				2.6
	446444	AF743737	Hs.24370	ESTs	2.6
	411354	AW992424	Hs.288141	hypothetical protein MGC3156	2.6
	417918	AA209205	Hs.163754	hypothetical protein FLJ12606	2.6
	418310	AA814100	Hs.86693	ESTs	2.6
75	454481	AW794878	Hs.314230	ESTs, Highly similar to clock [H.sapiens	2.6
	441216	BE299830	Hs.192908	ESTs	2.6
	438257	AW474419	Hs.224794	ESTs	2.6
	442264	A1278777	Hs.263455	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.6
	419505	AA243660	Hs.143061	ESTs	2.6
80	417596	R07343	Hs.226823	ESTs, Moderately similar to I54374 gene	2.6
	443555	N71710	Hs.21398	ESTs, Moderately similar to A Chain A, H	2.6
	444517	A1939339	Hs.146883	ESTs	2.6
	454867	AW835924		gb:PM1-LT0018-260200-002-e09 LT0018 Homo	2.6
	455870	AW452631	Hs.313803	ESTs, Highly similar to AF157833 1 noncl	2.6

5	457630	AI680803	Hs.112627	ESTs	2.6
	424210	T71397	Hs.222707	KIAA1718 protein	2.6
	447748	AA22023	Hs.161338	ESTs	2.6
	411970	AA099142	Hs.13804	hypothetical protein dJ482023.2	2.6
	441233	AA972965	Hs.135568	ESTs	2.6
10	400706				2.6
	436033	H75391	Hs.255748	ESTs	2.6
	440836	AW370882	Hs.222080	ESTs	2.6
	431086	AI829692	Hs.211561	ESTs	2.6
	455110	BE154505		gb:PM0-HT0343-281299-003-e06 HT0343 Homo	2.6
15	455678	BE066007		gb:RC3-BT0319-120200-014-d09 BT0319 Homo	2.6
	413088	BE064962		gb:RC1-BT0313-130400-018-c02 BT0313 Homo	2.6
	436196	AK001084	Hs.333498	Homo sapiens cDNA FLJ10222 fis, clone HE	2.6
	437396	BE140396	Hs.21621	hypothetical protein DKFZp762D0076	2.6
	432374	W68815	Hs.301885	Homo sapiens cDNA FLJ11346 fis, clone PL	2.6
20	442690	AI014727	Hs.160047	ESTs, Weakly similar to B26096 fine-1 pr	2.6
	441700	AA233556	Hs.126908	hypothetical protein FLJ12994	2.6
	410286	AI739159	Hs.61888	DKFZP586N2124 protein	2.6
	403271				2.6
	429761	AI276780	Hs.135173	ESTs	2.6
25	437086	AA743935	Hs.202329	ESTs	2.6
	450822	AW771850	Hs.205130	ESTs	2.6
	457506	AF131757	Hs.274533	Homo sapiens clone 24926 mRNA sequence	2.6
	416585	X54162	Hs.70386	leiomodrin 1 (smooth muscle)	2.6
	430357	AW976789	Hs.165607	ESTs	2.6
30	417249	N58198	Hs.182898	ESTs	2.6
	423554	M90516	Hs.1674	glutamine-fructose-6-phosphate transamin	2.6
	440400	AA994364	Hs.125594	ESTs, Weakly similar to T25472 hypothe	2.6
	440460	H92571	Hs.234478	Homo sapiens cDNA: FLJ22548 fis, clone H	2.6
	446302	AI285848	Hs.149757	ESTs	2.6
35	424012	AW368377	Hs.137569	tumor protein 63 kDa with strong homolog	2.6
	428944	AA780181	Hs.41182	Homo sapiens DC47 mRNA, complete cds	2.6
	419647	AA348947	Hs.91816	hypothetical protein	2.6
	455500	AW963582		gb:EST375655 MAGE resequences, MAGH Homo	2.6
	419435	AI200540	Hs.14877	ESTs, Weakly similar to (define not ava	2.6
40	452450	AW854891	Hs.194720	ATP-binding cassette, sub-family G (WHIT	2.6
	434699	AA643687	Hs.149425	Homo sapiens cDNA FLJ11980 fis, clone HE	2.6
	436421	AI678031	Hs.122813	ESTs, Weakly similar to ZN22_HUMAN ZINC	2.6
	447505	AL049266	Hs.18724	Homo sapiens mRNA; cDNA DKFZp664F093 (fr	2.6
	419758	U31973	Hs.93173	phosphodiesterase 6C, cGMP-specific, con	2.6
45	426698	AA394104	Hs.97489	ESTs	2.6
	446861	AI696519	Hs.14427	Homo sapiens cDNA: FLJ21800 fs, clone H	2.6
	423025	AA831267	Hs.12244	hypothetical protein FLJ20097	2.5
	447624	AI640326	Hs.62713	ESTs	2.5
	411736	AW859089		gb:MR1-CT0350-150200-002-d02 CT0350 Homo	2.5
50	416334	H53139	Hs.36271	ESTs	2.5
	446818	AI342668	Hs.279765	ESTs	2.5
	454836	AW833711		gb:QV4-TT0008-251199-043-e11 TT0008 Homo	2.5
	442278	AI733477	Hs.166313	ESTs	2.5
	453393	AW966392	Hs.110376	ESTs	2.5
55	420854	AW296927		gb:U1-H-BW0-ajp-c-07-0-UI.s1 NCI_CGAP_Su	2.5
	408729	AA195764	Hs.72839	ESTs	2.5
	455675	BE065984		gb:RC3-BT0319-120200-014-e06 BT0319 Homo	2.5
	411680	AW855718		gb:RC1-CT0279-070100-021-e06 CT0279 Homo	2.5
	455252	AW878627		gb:RC3-PT0028-120200-013-d11 PT0028 Homo	2.5
60	409156	N76186	Hs.173518	M-phase phosphoprotein homolog	2.5
	423175	W27595	Hs.18653	hypothetical protein FLJ14627	2.5
	430291	AV660345	Hs.238126	CGL-49 protein	2.5
	401785				2.5
	402369				2.5
65	439079	AF085937	Hs.38348	ESTs	2.5
	412566	AW952574		gb:EST374647 MAGE resequences, MAGG Homo	2.5
	411463	AW847645		gb:IL3-CT0213-280100-056-A04 CT0213 Homo	2.5
	413758	BE162391		gb:PM2-HT0451-090100-002-R04 HT0451 Homo	2.5
	404988				2.5
70	409446	AI561173	Hs.67688	ESTs	2.5
	412613	AA853507	Hs.285711	hypothetical protein FLJ13089	2.5
	417909	R35614		gb:yg85e08.r1 Soares Infant brain 1N1B H	2.5
	454743	AW818456	Hs.79347	KIAA0211 gene product	2.5
	405364				2.5
75	404108				2.5
	411934	AW876538		gb:RC3-PT0028-190100-012-b06 PT0028 Homo	2.5
	415747	AA361209		gb:EST94257 Activated T-cells I Homo sap	2.5
	443526	AW792804	Hs.134002	ESTs	2.5
	415319	AA659823	Hs.34955	Homo sapiens cDNA FLJ13485 fis, clone PL	2.5
80	454864	AW835775		gb:QV4-LT0016-240200-110-d04 LT0016 Homo	2.5
	458771	AW295151	Hs.163512	ESTs	2.5
	414349	BE512868		gb:G01172296F1 NIH_MGC_15 Homo sapiens c	2.5
	426589	AW954460		gb:EST366530 MAGE resequences, MAGC Homo	2.5
	429515	AL031228	Hs.204370	DNA segment on chromosome 6 (unique, pos	2.5
	443614	AV655396	Hs.7645	fibrinogen, B beta polypeptide	2.5
	411772	BE170301		gb:QV4-HT0536-040500-193-405 HT0536 Homo	2.5
	434784	AA649051	Hs.164007	ESTs	2.5

	429322	DB5984	Hs.199243	KIAA0231 protein	2.5
	446252	A1283125	Hs.150009	ESTs	2.5
	453361	AA035197	Hs.107375	ESTs	2.5
5	455275	AW977806		gb:EST389810 MAGE resequences, MAGO Homo	2.5
	449410	AA001356	Hs.18159	ESTs	2.5
	451403	AA855569	Hs.40919	Homo sapiens cDNA FLJ14511 fis, clone NT	2.5
	458861	A1630223		gb:ad06g08.r1 Proliferating Erythroid Ce	2.5
	416944	N22809		gb:yu41a07.s1 Welzmann Olfactory Epithel	2.5
10	423010	W25436	Hs.90725	ESTs, Moderately similar to I38022 hypot	2.5
	412505	AA974491	Hs.21734	ESTs	2.5
	446399	A1298405	Hs.150080	ESTs	2.5
	412139	BE044976		gb:hn25b10.x1 NCL_CGAP_Thy7 Homo sapiens	2.5
	403691				2.5
15	424025	A1701852	Hs.301296	Homo sapiens cDNA: FLJ23131 fis, clone L	2.5
	420352	BE258835		gb:501117374F1 NIH_MGC_16 Homo sapiens c	2.5
	422342	AA309272		gb:EST180209 Liver, hepatocellular carci	2.5
	447343	AA256641	Hs.236894	ESTs, Highly similar to S02392 alpha-2-m	2.5
	457770	BE065030	Hs.124179	ESTs	2.5
20	427731	AA411750	Hs.20943	ESTs	2.5
	426920	AA393351	Hs.132121	ESTs	2.5
	427794	AA709186	Hs.282963	ESTs	2.5
	429803	AL134197	Hs.93597	cyclin-dependent kinase 5, regulatory su	2.5
	454180	AW177821		gb:IL3-HT0059-180899-007-C05 HT0059 Homo	2.5
25	414550	BE379808		gb:801159567T1 NIH_MGC_53 Homo sapiens c	2.5
	436391	AJ227692	Hs.146274	ESTs	2.5
	401989				2.5
	423346	A1267677	Hs.127416	synaptotagmin 1	2.5
	444905	AW135863	Hs.209228	ESTs	2.5
30	424539	L02911	Hs.150402	activin A receptor, type I	2.5
	400861				2.5
	458426	A1084514	Hs.249587	ESTs	2.5
	429520	AA160142	Hs.205058	hypothetical protein FLJ20075	2.5
	403568				2.5
35	430592	X80240		gb:H.sapiens endogenous retrovirus HERV-	2.5
	451078	A1927694	Hs.204470	ESTs	2.5
	424560	AA158727	Hs.150555	protein predicted by clone 23733	2.5
	427888	AA417068	Hs.137598	ESTs	2.5
	426541	AA359119		gb:EST68172 Fetal lung II Homo sapiens c	2.5
40	422840	U44069	Hs.121481	thyrotrophic embryonic factor	2.5
	404708				2.5
	405008				2.5
	453772	BE281431	Hs.16323	Homo sapiens, Similar to G antigen 8, c1	2.5
	411036	AA857218	Hs.297007	membrane-bound transcription factor prot	2.5
45	444575	A1264847	Hs.22545	Homo sapiens cDNA FLJ12935 fis, clone NT	2.5
	449311	A1657014		gb:tt49a12.x1 NCL_CGAP_GC6 Homo sapiens	2.5
	454277	AW295069	Hs.31743	ESTs, Weakly similar to Z157_HUMAN ZINC	2.5
	454566	AW807805		gb:MR4-ST0098-120100-001-b06 ST0098 Homo	2.5
	454597	AW806648		gb:MR4-ST0124-261099-015-d01 ST0124 Homo	2.5
50	416208	AW291168	Hs.41295	ESTs, Weakly similar to MUC2_HUMAN MUCIN	2.4
	407851	NM_014496	Hs.40434	ribosomal protein S6 kinase, 90kD, polyp	2.4
	446554	AA151730	Hs.301789	nucleic (nucleoside diphosphate linked moi	2.4
	452850	H23230	Hs.22481	ESTs, Moderately similar to A46010 X-In	2.4
	406468				2.4
55	407300	AA102616		gb:zn43e07.s1 Stratagene HeLa cell s3 93	2.4
	408617	R81736	Hs.124128	ESTs	2.4
	409627	AW997628	Hs.313637	ESTs	2.4
	416665	H72974		gb:yu28a10.s1 Soares fetal liver spleen	2.4
	417404	NM_007350	Hs.82104	pleckstrin homology-like domain, family	2.4
60	418994	AA296520	Hs.89546	selectin E (endothelial adhesion molecu	2.4
	428709	BE268717	Hs.104916	hypothetical protein FLJ21940	2.4
	429654	A1435046	Hs.164318	ESTs	2.4
	432253	AW090822	Hs.274174	transcription elongation factor (SII) e	2.4
	439786	AV662707	Hs.33756	Homo sapiens mRNA full length insert cDN	2.4
65	446432	AV653771		gb:AV853771 GLC Homo sapiens cDNA clone	2.4
	453052	R63050	Hs.223813	ESTs	2.4
	454137	AW500340	Hs.313876	ESTs, Weakly similar to I38022 hypotheti	2.4
	459508	AL119471		gb:DKFZp761M141_r1 761 (synonym: hamy2)	2.4
	452843	A1796769	Hs.208320	ESTs	2.4
70	433222	AW514472	Hs.238415	ESTs, Moderately similar to ALU8_HUMAN A	2.4
	449695	AA164569	Hs.34550	ESTs	2.4
	431532	A1537817	Hs.270311	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.4
	425867	NM_007159	Hs.4007	Sarcomeremal-associated protein	2.4
	400641				2.4
75	430982	R17432	Hs.22217	Homo sapiens clone IMAGE:32106, mRNA seq	2.4
	432808	NM_015985	Hs.278973	angiotensin-3	2.4
	410845	AW807182		gb:MR4-ST0062-180200-001-b04 ST0062 Homo	2.4
	411561	H81184	Hs.285017	hypothetical protein FLJ21799	2.4
	421083	AA283628	Hs.298016	ESTs, Weakly similar to I38022 hypotheti	2.4
80	423513	AF035960	Hs.129719	transglutaminase 5	2.4
	434627	A1221894	Hs.39311	ESTs	2.4
	435863	A1023707	Hs.134273	ESTs	2.4
	455879	BE153275		gb:PM0-HT0335-180400-008-e11 HT0335 Homo	2.4
	451797	AW663858	Hs.333513	small inducible cytokine subfamily E, me	2.4

	409041	AB033025	Hs.50081	KIAA1199 protein	2.4
	423244	AL039379	Hs.209602	ESTs, Weakly similar to ubiquitous TPR in	2.4
	453874	AW591783	Hs.36131	collagen, type XIV, alpha 1 (undulin)	2.4
5	449889	BE140902		gb:IL1-HT0028-240699-001-C11 HT0028 Homo	2.4
	439481	AF086294	Hs.125844	ESTs	2.4
	412074	S74683	Hs.73139	ADP-ribosyltransferase 1	2.4
	403053	R58624	Hs.2186	eukaryotic translation elongation factor	2.4
	409298	AA070211		gb:zm68c04.s1 Stratagene neuroepithelium	2.4
10	411322	AW887330	Hs.172405	cell division cycle 27	2.4
	447640	AI417187		gb:ig75g11.x1 Soares_NhHMPu_S1 Homo sapi	2.4
	447849	AI538147	Hs.164277	ESTs	2.4
	458763	AI693417	Hs.293309	ESTs	2.4
	404638				2.4
15	413986	Z43567		gb:HSC1FC021 normalized infant brain cDN	2.4
	407721	Y12735	Hs.38018	dual-specificity tyrosine-(Y)-phosphoryl	2.4
	422321	AA906427	Hs.181035	hypothetical protein MGCT11296	2.4
	408238	W95901		gb:ze43d11.1.1 Soares retina N2b4HR Homo	2.4
	436747	AW977192	Hs.291343	ESTs	2.4
20	437048	AA743240	Hs.91582	ESTs	2.4
	413143	BE067232		gb:PM3-BT0347-170200-001-b05 BT0347 Homo	2.4
	404561				2.4
	444009	AI380792	Hs.135104	ESTs	2.4
	400250				2.4
25	403891				2.4
	417002	T79613	Hs.14613	ESTs	2.4
	439446	AI927629	Hs.57873	ESTs	2.4
	441227	AW295407	Hs.128893	ESTs	2.4
	445038	AI635444	Hs.143917	dJ467N11.1 protein	2.4
30	455107	BE154113		gb:PM1-HT0340-151259-003-a08 HT0340 Homo	2.4
	458624	AI362790	Hs.278639	KIAA1684 protein; likely homolog of mous	2.4
	458344	AW499533	Hs.257976	ESTs	2.4
	452605	AW968557	Hs.90012	hypothetical protein FLJ23441	2.4
	457652	AF116656	Hs.273809	Homo sapiens PRO1167 mRNA, complete cds	2.4
35	450068	AW207212	Hs.280925	ESTs	2.4
	444750	AW242684	Hs.243623	ESTs	2.4
	414591	AI884490	Hs.55902	ESTs, Weakly similar to ALU8_HUMAN ALU S	2.4
	407264	L34727		gb:Homo sapiens T-cell receptor beta (TC	2.4
	443169	AI038687	Hs.133338	ESTs	2.4
40	426536	AI949749	Hs.44441	ESTs	2.4
	449752	AI668626	Hs.61773	Homo sapiens cDNA FLJ11648 fs, clone NE	2.4
	459592	ALD37421	Hs.208746	ESTs, Moderately similar to pot. ORF 1 [	2.4
	429504	X99133	Hs.204238	lipocalin 2 (oncogene 24p3)	2.4
	428063	AW363845	Hs.122142	ESTs, Weakly similar to A46010 X-linked	2.4
45	430484	D82880	Hs.241548	RAS p21 protein activator 2	2.4
	423673	BE003054	Hs.1695	matrix metalloproteinase 12 (macrophage	2.4
	447375	AI376660	Hs.257622	ESTs	2.4
	444230	H95537	Hs.148067	ESTs	2.4
	439911	AA854024	Hs.189110	ESTs	2.4
50	421296	NM_002666	Hs.103253	perilipin	2.4
	449385	AI650471	Hs.270370	ESTs	2.4
	430044	AA464510	Hs.152812	ESTs	2.4
	427131	AA448460	Hs.112017	GE36 gene	2.4
	409103	AF251237	Hs.112208	XAGE-1 protein	2.4
55	421354	AA768485	Hs.268664	ESTs	2.4
	423740	Y07701	Hs.293007	aminopeptidase puromycin sensitive	2.4
	440048	AA897481	Hs.328737	ESTs, Weakly similar to envelope protein	2.4
	441358	AW173212	Hs.129041	ESTs	2.4
	453857	AL080235	Hs.35861	DKFZP586E1621 protein	2.4
60	414290	AI588801	Hs.71721	ESTs	2.4
	427342	AL110150	Hs.176580	Homo sapiens mRNA; cDNA DKFZp586D0724 (f	2.4
	459459	AA604445		gb:zx56h11.1.1 Soares_total_fetus_Nb2HFB_	2.4
	434638	H50758		gb:cyp86c06.r1 Soares fetal liver spleen	2.4
	442717	R89362	Hs.180591	ESTs, Weakly similar to T23976 hypotheti	2.4
65	419637	W27493		gb:3Th10 Human retina cDNA randomly prim	2.4
	431169	AW971240		gb:EST383329 MAGE resequences, MAGL Homo	2.4
	449432	AW451361	Hs.196529	ESTs	2.4
	458734	AI554946	Hs.158794	ESTs	2.4
	449529	AI990559	Hs.232033	ESTs	2.4
70	426088	AF038007	Hs.166196	ATPase, Class I, type 8B, member 1	2.4
	420195	N44348	Hs.26243	Homo sapiens cDNA FLJ11177 fs, clone PL	2.4
	418105	AW937488	Hs.178000	ESTs, Weakly similar to FV1 MOUSE FRIEND	2.4
	430957	AI937072	Hs.55043	Homo sapiens cDNA FLJ13277 fs, clone CV	2.4
	418188	AW139413	Hs.151880	ESTs	2.4
75	424103	NM_001918	Hs.139410	dihydrolipamide branched chain transacy	2.4
	454324	AW608930	Hs.52184	hypothetical protein FLJ20518	2.4
	437369	AA765230	Hs.121742	ESTs	2.4
	453211	W84829		gb:zh53f04.r1 Soares_fetal_liver_spleen_	2.4
	451099	R52795	Hs.25954	Interleukin 13 receptor, alpha 2	2.4
80	400462				2.4
	413897	AA131315	Hs.47144	DKFZP586N0819 protein	2.4
	421755	AW169454	Hs.207422	ESTs, Weakly similar to S71949 metallopr	2.4
	424195	U50536	Hs.142907	Human BRCA2 region, mRNA sequence CG011	2.4
	434163	AW974720	Hs.25206	group XII secreted phospholipase A2	2.4

5	435985	AA703154	Hs.191934	ESTs	2.4
	449916	T60525	Hs.299221	pyruvate dehydrogenase kinase, isoenzyme	2.4
	458661	AI299789	Hs.166999	ESTs, Moderately similar to I38344 fln	2.4
	459023	AW966226	Hs.60798	ESTs	2.4
	406005				2.4
10	456561	AI868634	Hs.246358	ESTs, Weakly similar to T32250 hypothet	2.4
	452151	R43077	Hs.221747	ESTs	2.4
	436590	AI393115	Hs.127655	ESTs	2.4
	430161	AW966203		gb:EST380398 MAGE resequences, MAGJ Homo	2.4
	445636	AI769774	Hs.209831	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.4
15	433479	AW511459	Hs.249972	ESTs	2.4
	441676	BE564206	Hs.49889	ESTs	2.4
	407965	W21483	Hs.41707	heat shock 27kD protein 3	2.4
	450682	Z42993	Hs.25320	Homo sapiens clone 25142 mRNA sequence	2.4
	452958	AA883929	Hs.40527	ESTs	2.4
20	454032	W31790	Hs.194293	ESTs, Weakly similar to I54374 gene NF2	2.4
	405347				2.4
	440577	AA889946	Hs.326381	EST	2.4
	455780	BE088828		gb:CM2-BT0693-230300-129-g09 BT0693 Homo	2.4
	457024	AA397546	Hs.119151	ESTs	2.4
25	404249				2.4
	437511	AI807500	Hs.125247	ESTs	2.4
	421338	AA287443		gb:zs52c10.r1 NCLCGAP_GCB1 Homo sapiens	2.4
	425146	AW954627		gb:EST366697 MAGE resequences, MAGC Homo	2.4
	428277	AA425220	Hs.179203	ESTs	2.4
30	444870	AI200621	Hs.148504	ESTs	2.4
	402090				2.4
	458507	AI185703	Hs.206957	ESTs	2.4
	443054	AI745185	Hs.8939	yea-associated protein 65 kDa	2.4
	446534	AI307366	Hs.175226	ESTs	2.4
35	453111	AB014598	Hs.31720	hephaestin	2.4
	405230				2.4
	405936				2.4
	413642	BE154837		gb:PM1-HT0345-121199-001-c08 HT0345 Homo	2.4
	420724	AA279694	Hs.191540	ESTs	2.4
40	436998	AA745625	Hs.291414	ESTs, Weakly similar to ALU8_HUMAN ALU S	2.4
	445740	U80766	Hs.13252	Human EST clone 22453 mariner transposon	2.4
	434283	AW235341	Hs.58716	thiamine pyrophosphokinase	2.3
	407404	AF040257		gb:Homo sapiens TNF receptor homolog mRNA	2.3
	440621	AW286024	Hs.150434	ESTs	2.3
45	423417	AP000365	Hs.128342	potassium large conductance calcium-acti	2.3
	424131	AA335714	Hs.199666	ESTs	2.3
	450737	AW007162	Hs.203330	ESTs	2.3
	453687	T55674	Hs.283108	hemoglobin, gamma G	2.3
	442704	AI015463	Hs.130987	ESTs	2.3
50	457756	AA128136	Hs.38125	Interferon-induced protein 75, 52kD	2.3
	412732	AW993300		gb:RC2-BN0033-180200-015-g06 BN0033 Homo	2.3
	418998	F13215	Hs.287849	ESTs, Weakly similar to T22074 hypothet	2.3
	419751	AW195581	Hs.93121	KIAA0761 protein	2.3
	429485	AW197086	Hs.99338	ESTs	2.3
55	433377	AI752713	Hs.43845	ESTs	2.3
	434896	AW022064	Hs.136591	ESTs	2.3
	441675	AI914329	Hs.5461	ESTs	2.3
	444711	AI188739	Hs.148488	ESTs	2.3
	446621	AI733818	Hs.145549	ESTs	2.3
60	449182	AW292381	Hs.224160	ESTs	2.3
	430987	Y08564	Hs.248190	UDP-N-acetyl-alpha-D-galactosamine:polyp	2.3
	404068				2.3
	414366	BE549143		gb:601078456F1 NIH_MGC_12 Homo sapiens c	2.3
	438315	R56795	Hs.82419	ESTs	2.3
65	423161	AL049227	Hs.124776	Homo sapiens mRNA; cDNA DKFZp564N1116 (f	2.3
	447998	AI768259	Hs.304389	ESTs	2.3
	410150	AW382942	Hs.6774	ESTs	2.3
	432792	AA448114	Hs.278950	protocadherin beta 1.	2.3
	443363	AI792629	Hs.133293	ESTs	2.3
70	440729	AA904739	Hs.128204	ESTs	2.3
	411045	AW854691	Hs.115325	RAB7, member RAS oncogene family-like 1	2.3
	459207	AW136410	Hs.45061	ESTs	2.3
	459124	AW301478	Hs.184592	protein kinase, lysine deficient 1	2.3
	458684	BE281115	Hs.98855	hypothetical protein FLJ20909	2.3
75	427862	AA946552	Hs.8700	deleted in liver cancer 1	2.3
	401899				2.3
	432116	AA902953	Hs.308538	ESTs	2.3
	404196				2.3
	410999	AW813004		gb:RC3-ST0186-230300-019-h02 ST0186 Homo	2.3
80	413308	W28131		gb:4217 Human retina cDNA randomly prime	2.3
	430264	AA470519		gb:nc71110.s1 NCLCGAP_Pt1 Homo sapiens	2.3
	443482	AW188093	Hs.250385	ESTs	2.3
	453305	R39224	Hs.267997	EHM2 gene	2.3
	451963	AI825440	Hs.224952	ESTs	2.3
80	453043	AW136440	Hs.224277	ESTs	2.3
	435559	AF208198	Hs.42636	zinc finger protein 277	2.3
	440727	AI073991	Hs.134268	ESTs, Weakly similar to 2109260A B cell	2.3

	434120	AI436050	Hs.143937	ESTs	2.3
	429768	AA805719	Hs.192154	ESTs	2.3
	425292	NM_005824	Hs.155545	37 kDa leucine-rich repeat (LRR) protein	2.3
5	455841	BE145836		gb:MR0-HT0208-101299-202-b08 HT0208 Homo	2.3
	411093	BE067660		gb:MR4-BT0358-090300-003-e01 BT0358 Homo	2.3
	430706	NM_003540	Hs.247816	H4 histone family, member C	2.3
	428268	AA424957	Hs.294132	ESTs	2.3
	458833	AW236702	Hs.171431	ESTs, Weakly similar to A46010 X-linked	2.3
10	452215	AK002043	Hs.28472	hypothetical protein FLJ11181	2.3
	444109	AI124553	Hs.48965	Homo sapiens cDNA: FLJ21693 fis, clone C	2.3
	428411	AW291464	Hs.10338	ESTs	2.3
	433098	AW190593	Hs.151143	ESTs	2.3
	424882	AI379461	Hs.153636	far upstream element (FUSE) binding prot	2.3
15	453178	AA496086	Hs.61648	ESTs	2.3
	404569				2.3
	413841	M34276	Hs.75576	plasminogen	2.3
	424068	U50531	Hs.138751	Human BRCA2 region, mRNA sequence CG030	2.3
	433532	AW975367		gb:EST387475 MAGE resequences, MAGN Homo	2.3
20	442710	AI015631	Hs.23210	ESTs	2.3
	444206	AW301017	Hs.146492	ESTs	2.3
	451264	AI768235		gb:wgB2g08.x1 Soares_NSIF_F8_SW_OT_PA_P_S	2.3
	454784	AW820628		gb:RC0-ST0299-190100-012-e10 ST0299 Homo	2.3
	429080	AA446228	Hs.99057	ESTs	2.3
	404166				2.3
25	416327	R99822	Hs.36172	ESTs	2.3
	400631	AF173937	Hs.109484	secreted protein of unknown function	2.3
	438504	AW665281	Hs.224625	ESTs	2.3
	435325	AI038388	Hs.119309	ESTs	2.3
30	421253	AI188102	Hs.31028	ESTs	2.3
	427046	BE246180	Hs.121386	ESTs	2.3
	432711	AA583705	Hs.152465	ESTs, Weakly similar to I38022 hypotheti	2.3
	439715	AA524504	Hs.42612	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.3
	441398	AA932398	Hs.292036	ESTs, Weakly similar to B34087 hypotheti	2.3
35	448458	AW814367	Hs.171054	ESTs	2.3
	452542	AW812256		gb:RC0-ST0174-191099-031-a07 ST0174 Homo	2.3
	417768	R24732	Hs.175139	ESTs	2.3
	427374	AI150033	Hs.143586	ESTs	2.3
	446847	T51454	Hs.82845	Homo sapiens cDNA: FLJ21930 fis, clone H	2.3
40	423600	AI633559	Hs.310359	ESTs	2.3
	413006	W03857	Hs.34298	ESTs	2.3
	434698	BE044674		gb:hnm46f02.x1 NCL_CGAP_RDF1 Homo sapiens	2.3
	407639	AW205369	Hs.312830	ESTs	2.3
	455121	BE156459		gb:QV0-HT0368-040100-062-f06 HT0368 Homo	2.3
45	448117	H49129	Hs.172982	ESTs	2.3
	443931	H23213	Hs.22657	ESTs	2.3
	450795	AW173371	Hs.60435	ESTs	2.3
	413632	AW118745	Hs.9460	Homo sapiens mRNA; cDNA DKFZp547C244 (fr	2.3
	419441	AW023731	Hs.274368	MSTP032 protein	2.3
50	455067	AW864538		gb:RC3-CT0255-200100-024-b02 CT0255 Homo	2.3
	418291	BE300369	Hs.289038	hypothetical protein MGC4128	2.3
	455964	BE168924		gb:CM4-HT0501-240300-519-f01 HT0501 Homo	2.3
	445844	H06336	Hs.13480	Homo sapiens clone 24876 mRNA sequence	2.3
	424827	AI057094	Hs.96867	Homo sapiens cDNA: FLJ23155 fis, clone L	2.3
55	449272	AW137656	Hs.197645	ESTs	2.3
	445292	AV653264	Hs.13982	Homo sapiens cDNA FLJ14666 fis, clone NT	2.3
	415131	D61119		gb:HUM158C11B Clontech human fetal brain	2.3
	444715	AV650947	Hs.282464	ESTs	2.3
	439560	BE585647	Hs.74899	hypothetical protein FLJ12820	2.3
60	444140	AV648089	Hs.282383	ESTs	2.3
	423949	AI014546	Hs.130912	ESTs	2.3
	428434	AW363690	Hs.65551	Homo sapiens, Similar to DNA segment, Ch	2.3
	445711	T79811	Hs.193691	ESTs	2.3
	424565	AW102723	Hs.75295	guanylate cyclase 1, soluble, alpha 3	2.3
65	455201	AW947884		gb:PM1-MT0010-200300-001-g08 MT0010 Homo	2.3
	429180	AA808287	Hs.58893	ESTs	2.3
	418849	AW474547	Hs.53565	Homo sapiens PIG-M mRNA for mannosyltran	2.3
	425523	AB007946	Hs.158244	KIAA0479 protein	2.3
	416509	N57713	Hs.260899	ESTs, Moderately similar to ZN91_HUMAN Z	2.3
70	419337	AW291112	Hs.209978	ESTs	2.3
	419699	AA248998	Hs.173044	ESTs, Weakly similar to I38022 hypotheti	2.3
	428976	AL037824	Hs.194695	ras homolog gene family, member 1	2.3
	436294	AA708310		gb:zg07b07.s1 Soares_pineal_gland_N3HPG	2.3
	458925	R15891	Hs.281587	Human (clone CTG-A4) mRNA sequence	2.3
75	439339	AL133887	Hs.254122	hypothetical protein	2.3
	450048	AI693269	Hs.202273	ESTs	2.3
	451640	AA195601	Hs.26771	Human DNA sequence from clone 7471H23 on	2.3
	416677	T83470	Hs.334840	ESTs, Moderately similar to I788B5 serin	2.3
	405920				2.3
	405747				2.3
80	412105	H07971	Hs.94319	VPS10 domain receptor protein	2.3
	420457	AA482260	Hs.191656	ESTs	2.3
	407726	AA435879	Hs.88594	ESTs	2.3
	423720	AL044191	Hs.23388	hypothetical protein DKFZp434F0318	2.3



5	409517	X90780	Hs.120036	tropoin I, cardiac	2.3
	435352	A066599	Hs.120893	ESTs	2.3
	439871	R88518	Hs.46736	hypothetical protein FLJ23476	2.3
	444098	AV647969	Hs.109594	KIAA1451 protein	2.3
	449276	AW241510	Hs.252713	ESTs	2.3
10	417712	AA205569	Hs.194193	ESTs, Moderately similar to ALU1_HUMAN A	2.3
	449015	AL038958	Hs.22868	protein tyrosine phosphatase, non-recept	2.3
	411377	AW841462		gb:RC6-CN0014-080300-012-B09 CN0014 Homo	2.3
	429276	AF056085	Hs.198612	G protein-coupled receptor 51	2.3
	411816	AW864609		gb:PM3-SN0017-240300-001-h03 SN0017 Homo	2.3
15	455280	AW886166		gb:RC5-OT0078-150300-021-E08 OT0078 Homo	2.3
	407809	AW082279	Hs.244106	ESTs	2.3
	420478	AA521259	Hs.193796	ESTs	2.3
	424073	U03493	Hs.138959	gap junction protein, alpha 7, 45kD (con	2.3
	445117	AI208754	Hs.147369	ESTs	2.3
20	459390	BE385725		gb:601276347F1 NIH_MGC_20 Homo sapiens c	2.2
	420230	AL034344	Hs.284186	forkhead box C1	2.2
	411517	AW850267		gb:IL3-CT0219-161199-031-A09 CT0219 Homo	2.2
	403678				2.2
	457003	S78234	Hs.172405	cell division cycle 27	2.2
25	404531	Z25884	Hs.121483	chloride channel 1, skeletal muscle (Th	2.2
	423045	AW967472	Hs.183302	PCTAIRE protein kinase 2	2.2
	409427	AW389668		gb:RC2-ST0168-071299-013-806 ST0168 Homo	2.2
	434745	AW974445	Hs.185155	ESTs, Weakly similar to T12482 hypothe	2.2
	400696				2.2
30	407259	L02256		gb:Human Fab fragment binding syncytial	2.2
	411893	R82845	Hs.273789	ESTs	2.2
	428192	AA424051	Hs.304742	ESTs	2.2
	456634	T82384		gb:yc1405.r1 Stratagene lung (937210) H	2.2
	438018	AK001160	Hs.5999	hypothetical protein FLJ10298	2.2
35	458303	AI264628	Hs.125428	ESTs	2.2
	406692				2.2
	403572				2.2
	415380	F07953	Hs.16085	putative G-protein coupled receptor	2.2
	433014	NM_014711	Hs.279912	KIAA0419 gene product	2.2
40	417859	T26453		gb:AB214F6R Infant brain, LLNL array of	2.2
	456472	AK001714	Hs.95744	hypothetical protein similar to ankyrin	2.2
	444106	AI123922	Hs.138215	Homo sapiens cDNA FLJ11400 fis, clone HE	2.2
	428231	U17989	Hs.183105	nuclear autoantigen	2.2
	454086	AW885909	Hs.6975	PRO1073 protein	2.2
45	425071	NM_013989	Hs.154424	deiodinase, iodothyronine, type II	2.2
	416346	H65837	Hs.272163	ESTs	2.2
	403780				2.2
	414262	AW975616	Hs.291469	ESTs	2.2
	419423	D26488	Hs.90315	KIAA0007 protein	2.2
50	442078	AW268583	Hs.262629	ESTs	2.2
	452975	M85521	Hs.244482	Homo sapiens, clone IMAGE:3611719, mRNA,	2.2
	419216	AI0076718	Hs.164021	small inducible cytokine subfamily B (Cy	2.2
	416568	H66558		gb:yu10e04.r1 Soares fetal liver spleen	2.2
	425368	AB014595	Hs.155976	cullin 4B	2.2
55	425686	M73531	Hs.1937	retinal degeneration, slow (retinitis pi	2.2
	441638	AW293202	Hs.133451	ESTs	2.2
	446845	AI343645	Hs.158108	ESTs	2.2
	422563	BE299342	Hs.19348	hypothetical protein FLJ13119	2.2
	436574	AW293527	Hs.126465	ESTs	2.2
60	424584	H10692	Hs.13310	ESTs	2.2
	456347	U00803	Hs.89426	fyn-related kinase	2.2
	446901	AI347274		gb:tc05d02.x1 NCL_CGAP_Co16 Homo sapiens	2.2
	459364	W69284		gb:cd46c03.r1 Soares fetal heart_NbH119W	2.2
	430886	NM_001942	Hs.2633	desmoglein 1	2.2
65	414831	M31158	Hs.77439	protein kinase, cAMP-dependent, regulato	2.2
	425707	AF115402	Hs.11713	E74-like factor 5 (ets domain transcript	2.2
	403525				2.2
	453343	AA905353	Hs.121622	ESTs	2.2
	421574	AJ000152	Hs.105824	defensin, beta 2	2.2
70	449327	AI638743	Hs.224672	ESTs	2.2
	454769	AW819848		gb:QV0-ST0294-070300-151-b04 ST0294 Homo	2.2
	420493	AI635113	Hs.270366	ESTs, Weakly similar to I78885 ear/teeth	2.2
	401614				2.2
	404767				2.2
75	403634				2.2
	410594	AW770778	Hs.281238	ESTs	2.2
	436193	AA706059	Hs.255286	ESTs	2.2
	439626	N22415	Hs.189080	ESTs	2.2
	456481	AA258033	Hs.108110	DKFZP547E2110 protein	2.2
80	441453	AW176106	Hs.285459	ESTs	2.2
	424946	M64572	Hs.153932	protein tyrosine phosphatase, non-recept	2.2
	437332	AA814943		gb:xc07d06.s1 NCL_CGAP_GC81 Homo sapiens	2.2
	454419	AA082211	Hs.233936	myosin, light polypeptide, regulatory, n	2.2
	416225	AA577730	Hs.188694	ESTs, Weakly similar to PC4259 ferritin	2.2
	450579	AW136774	Hs.48614	ESTs	2.2
	400664				2.2
	447613	AL041057	Hs.33363	DKFZP434N093 protein	2.2

	402689	AK001334	Hs.15470	putative ring zinc finger protein NY-REN	2.2
	430894	AF053748	Hs.248114	glial cell derived neurotrophic factor	2.2
	432797	AA565264	Hs.136443	ESTs	2.2
	405608				2.2
5	426365	AA376667	Hs.10283	RNA binding motif protein 8B	2.2
	405634				2.2
	423546	H02364		gb:yj35d06.r1 Soares placenta Nb2HP Homo	2.2
	434690	A1867679	Hs.148410	ESTs	2.2
10	436672	AA723274	Hs.279596	ESTs	2.2
	447044	AF030107	Hs.17165	regulator of G-protein signalling 13	2.2
	448828	A1580296	Hs.174782	ESTs, Weakly similar to KIAA1437 protein	2.2
	457802	T78013	Hs.167279	FYVE-finger-containing Rab5 effector pro	2.2
	444585	AW170015	Hs.6594	ESTs	2.2
15	433781	AA609379	Hs.192083	ESTs	2.2
	450587	A1828854	Hs.258538	stratin, calmodulin-binding protein	2.2
	434077	AF116659	Hs.321151	Homo sapiens PR01412 mRNA, complete cds	2.2
	448756	A1739241	Hs.171480	ESTs	2.2
	430388	AA356923	Hs.240770	nuclear cap binding protein subunit 2, 2	2.2
20	454471	AW902125		gb:QV0-NN1022-120500-220-h12 NN1022 Homo	2.2
	419107	AW085152	Hs.292987	ESTs	2.2
	455114	AW857121		gb:RC1-CT0302-040400-017-a12 CT0302 Homo	2.2
	416548	H62953		gb:yr47f06.r1 Soares fetal liver spleen	2.2
25	454117	BE410100	Hs.40368	adaptor-related protein complex 1, sigma	2.2
	456056	AA463550	Hs.337532	ESTs, Weakly similar to A47582 B-cell gr	2.2
	409998	M78345	Hs.98265	KIAA1877 protein	2.2
	422352	AA766296	Hs.99200	ESTs	2.2
	409191	AW818390	Hs.175613	homolog of Xenopus Clespin	2.2
	433819	AA746311		gb:aa56d12.r1 NCL CGAP_GCB1 Homo sapiens	2.2
30	465771	BE064820	Hs.186711	hypothetical protein FLJ20070	2.2
	431632	AK000992	Hs.333144	Homo sapiens cDNA FLJ10130 fis, clone HE	2.2
	454716	AW850684		gb:IL3-CTD219-160200-083-D12 CT0219 Homo	2.2
	413752	BE161807		gb:MR3-HT0446-300300-203-h01 HT0446 Homo	2.2
	458037	AF074982	Hs.226031	ESTs, Highly similar to KIAA0535 protein	2.2
35	434239	AF119910	Hs.283047	hypothetical protein PRO2964	2.2
	435133	AJ010482	Hs.31412	Homo sapiens cDNA FLJ11422 fis, clone HE	2.2
	442772	AW503680	Hs.5957	Homo sapiens clone 24416 mRNA sequence	2.2
	400697				2.2
	455585	BE066976		gb:PM0-BT0340-211299-003-c12 BT0340 Homo	2.2
40	447039	AV681798	Hs.282915	ESTs	2.2
	404503				2.2
	422728	AW937826	Hs.103262	ESTs, Weakly similar to ZN91_HUMAN ZINC	2.2
	421976	AL138443	Hs.23450	mitochondrial ribosomal protein S25	2.2
	401673				2.2
45	425001	U55184	Hs.154145	hypothetical protein FLJ11585	2.2
	447816	NM_007233	Hs.274329	TP53 target gene 1	2.2
	416143	A1856550	Hs.79033	glutaminyl-peptide cyclotransferase (glu	2.2
	419118	AA234223	Hs.139204	ESTs	2.2
	426261	AW242243	Hs.168670	peroxisomal farnesylated protein	2.2
50	449808	AA694220	Hs.15403	ESTs, Moderately similar to ALU7_HUMAN A	2.2
	454749	AW818649		gb:RC1-ST0278-040400-018-a02 ST0278 Homo	2.2
	456933	AA363946	Hs.20969	ESTs	2.2
	402942				2.2
	437064	AX023264		gb:ov64h08.s1 Soares testis_NHT Homo sap	2.2
55	458623	A1305223	Hs.148056	ESTs	2.2
	418257	F03016	Hs.27513	ESTs	2.2
	426269	H15302	Hs.168950	Homo sapiens mRNA; cDNA DKFZp586A1046 (f	2.2
	442783	AJ017586	Hs.131181	ESTs	2.2
	444313	A1140494	Hs.197955	KIAA0704 protein	2.2
60	453444	AL036531		gb:DKFZp56411162_r1 664 (synonym: hbr2)	2.2
	422757	AJ009335	Hs.65551	Homo sapiens, Similar to DNA segment, Ch	2.2
	430013	AA463833	Hs.151275	ESTs, Weakly similar to TRHY_HUMAN TRICH	2.2
	437138	A1935622	Hs.271245	ESTs	2.2
	406298				2.2
65	409723	AW885757	Hs.257862	ESTs	2.2
	414481	AW451956	Hs.8383	bromodomain adjacent to zinc finger doma	2.2
	433266	A1863224	Hs.31476	Homo sapiens cDNA FLJ13872 fis, clone TH	2.2
	435090	BE217923	Hs.149585	ESTs	2.2
	457187	AA443927	Hs.144360	EST	2.2
70	445061	A1253094	Hs.145227	ESTs	2.2
	442617	AW340093	Hs.130538	ESTs	2.2
	438298	H23542	Hs.181768	ESTs	2.2
	454916	BE057246		gb:PM1-BT0348-151299-001-404 BT0348 Homo	2.2
	428017	AA424983	Hs.98312	ESTs	2.2
75	461149	AL047586	Hs.10283	RNA binding motif protein 8B	2.2
	418076	R61388	Hs.6724	ESTs	2.2
	403306	NM_006825	Hs.74368	transmembrane protein (63kD), endoplasmic	2.2
	441811	AJ073548	Hs.164597	ESTs	2.2
	434763	AA648618		gb:ns07a11.r1 NCL CGAP_Ew1 Homo sapiens	2.2
80	447453	AW808645	Hs.18800	hypothetical protein FLJ20281	2.2
	420931	AF044197	Hs.100431	small inducible cytokine B subfamily (Cy	2.2
	415424	Z44766		gb:HSC2BG081 normalized infant brain cDN	2.2
	408332	H91230	Hs.234794	Homo sapiens mRNA; cDNA DKFZp564B083 (fr	2.2
	421216	AV649282	Hs.102664	vesicle-associated membrane protein 4	2.2

	429609	AF002246	Hs.210863	cell adhesion molecule with homology to	2.2
	448700	BE614182	Hs.123075	ESTs	2.2
	457741	BE044740		gb:hm55g10.x1 NCL_CGAP_RDF1 Homo sapiens	2.2
5	437927	AJ039769	Hs.25982	hypothetical protein FLJ21031	2.2
	401694				2.2
	423531	AW752782	Hs.129750	hypothetical protein FLJ10546	2.2
	424419	AK001563	Hs.146589	hypothetical protein FLJ10701	2.2
	436640	AA724411	Hs.156065	ESTs	2.2
10	438290	AA843719	Hs.122341	ESTs	2.2
	445908	R13580	Hs.13436	Homo sapiens clone 24425 mRNA sequence	2.2
	456735	BE161124		gb:PMO-HT0425-141299-001-A06 HT0425 Homo	2.2
	458455	AV648310	Hs.213488	ESTs	2.2
	430680	AW138724	Hs.168974	ESTs, Highly similar to ALU7_HUMAN ALU S	2.2
	447147	AA910363	Hs.292815	ESTs, Weakly similar to T23482 hypothet	2.2
15	424063	NM_002019	Hs.138671	fms-related tyrosine kinase 1 (vascular	2.2
	441874	AA970389	Hs.126055	ESTs	2.2
	448045	AJ297436	Hs.20166	prostate stem cell antigen	2.2
	433629	R13140	Hs.13359	ESTs	2.2
	415266	AA164199	Hs.270152	ESTs	2.2
20	440633	AI140586	Hs.263320	ESTs	2.2
	442789	AW904361	Hs.131191	ESTs, Weakly similar to ALU7_HUMAN ALU S	2.2
	417563	AA203701		gb:zx52a10.r1 Soares_fetal_liver_spleen_	2.2
	407768	BE514982	Hs.36991	S100 calcium-binding protein A2	2.2
	401240				2.2
25	408908	BE296227	Hs.250822	serine/threonine kinase 15	2.2
	411151	AW866497		gb:QV4-SN0024-170400-176-a07 SN0024 Homo	2.2
	414275	AW970254	Hs.889	Charot-Leyden crystal protein	2.2
	436992	AA741074	Hs.120750	ESTs	2.2
30	439634	W79377	Hs.167	microtubule-associated protein 2	2.2
	411770	NM_014278	Hs.71992	heat shock protein (hsp110 family)	2.1
	400040				2.1
	456762	AW802754		gb:IL2-UM0076-030400-051-H01 UM0076 Homo	2.1
	424736	AF230877	Hs.152701	microtubule-interacting protein that ass	2.1
35	419953	BE267154	Hs.125752	ESTs	2.1
	410648	AW792909		gb:CM0-UM0001-010300-258-c05 UM0001 Homo	2.1
	423717	AA330036	Hs.152003	ESTs	2.1
	436683	AW991278	Hs.57787	ESTs	2.1
	445225	AJ216555	Hs.202398	ESTs	2.1
40	410991	AW812790		gb:RC3-ST0186-141299-014-g08 ST0186 Homo	2.1
	412639	AW961284	Hs.296235	ESTs	2.1
	447777	AI424223		gb:te95a05.x1 NCL_CGAP_P128 Homo sapiens	2.1
	451270	AW341392	Hs.235795	ESTs	2.1
	404526	AJ912555	Hs.157195	peptide YY, 2 (seminalplasmin)	2.1
45	452492	BE063096		gb:CM4-BT0266-091199-039-a02 BT0266 Homo	2.1
	417154	AI674701	Hs.21388	ESTs	2.1
	428152	AA422030		gb:zv26h05.r1 Soares_NhHMPd_S1 Homo sapi	2.1
	442312	AI820617	Hs.129216	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.1
	456513	AA279143	Hs.88561	ESTs	2.1
50	430712	AW044647	Hs.196284	ESTs	2.1
	441445	AJ221959	Hs.187937	ESTs	2.1
	420288	AW071225	Hs.245558	ESTs	2.1
	412329	AW937445		gb:QV3-DT0043-090200-080-c09 DT0043 Homo	2.1
	447033	AJ357412	Hs.157601	ESTs	2.1
55	436853	BE328074	Hs.148081	ESTs	2.1
	455189	AW864176		gb:PMO-SN0014-260400-002-b08 SN0014 Homo	2.1
	430899	BE018217	Hs.183528	hypothetical protein FLJ14906	2.1
	458356	AI024855	Hs.131575	ESTs	2.1
	457040	N77824	Hs.173717	phosphatidic acid phosphatase type 2B	2.1
60	424480	AA341442	Hs.205299	ESTs	2.1
	403317	U02687	Hs.385	fms-related tyrosine kinase 3	2.1
	406018				2.1
	410666	AA373210	Hs.43047	Homo sapiens cDNA FLJ13585 fis, clone PL	2.1
	413801	M62248	Hs.35406	ESTs, Highly similar to unnamed protein	2.1
65	415871	R55895	Hs.283309	ESTs, Moderately similar to ALU1_HUMAN A	2.1
	416747	AW876523	Hs.15929	hypothetical protein FLJ12910	2.1
	417725	R25257	Hs.21503	ESTs	2.1
	424856	AA347746	Hs.9521	ESTs, Weakly similar to ZN43_HUMAN ZINC	2.1
	439474	AI824060	Hs.211501	ESTs	2.1
70	446895	AA166655	Hs.282803	ESTs	2.1
	448582	AI538880	Hs.94812	ESTs	2.1
	452783	AA028167	Hs.61486	ESTs	2.1
	442430	R89164	Hs.48320	double ring-finger protein, Dorf	2.1
	428908	AW303529	Hs.144955	ESTs	2.1
75	427335	AA448542	Hs.251677	G antigen 7B	2.1
	428336	AA503115	Hs.183752	microseminoprotein, beta-	2.1
	419290	AI128114	Hs.112886	spinal cord-derived growth factor-B	2.1
	416951	AA190926	Hs.190785	ESTs, Moderately similar to S65657 alpha	2.1
	439950	AW937417	Hs.293561	ESTs	2.1
80	458227	Z40670	Hs.181340	ESTs	2.1
	447179	AW015633	Hs.157298	ESTs	2.1
	454950	AW847460		gb:RC3-CT0208-270999-021-a04 CT0208 Homo	2.1
	404453				2.1
	420844	AA595622		gb:nh22c09.s1 NCL_CGAP_Pr1 Homo sapiens	2.1

	426456	AA580748	Hs.130658	ESTs	2.1
	428822	W28418	Hs.30715	potassium voltage-gated channel, Isk-rel	2.1
	430879	BE149423	Hs.10554	hypothetical protein FLJ12761	2.1
5	444584	A168422		gb:ok30a11.x1 Soares_NSF_FB_9W_OT_PA_P_S	2.1
	446296	AA98662	Hs.63131	Homo sapiens cDNA FLJ13155 fis, clone NT	2.1
	453653	AL040600	Hs.188083	ESTs	2.1
	414083	AL121282	Hs.257786	ESTs	2.1
	401645				2.1
	436577	W84774	Hs.17643	ESTs	2.1
10	427459	AA403084	Hs.269347	ESTs, Weakly similar to 2109280A B cell	2.1
	409168	N94037	Hs.312938	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.1
	410276	A1554545	Hs.68301	ESTs	2.1
	443372	A1792557	Hs.133107	ESTs	2.1
	422093	AF151852	Hs.111449	CGI-94 protein	2.1
15	402333				2.1
	409374	R87083	Hs.19081	ESTs	2.1
	412011	NM_000406	Hs.73054	gonadotropin-releasing hormone receptor	2.1
	412798	AW988657	Hs.119120	E3 ubiquitin ligase SMURF1	2.1
	416085	H18072	Hs.92576	ESTs	2.1
20	418378	AW952081		gb:EST374154 MAGE resequences, MAGG Homo	2.1
	437846	AA773866	Hs.244569	esophagus cancer-related gene-2	2.1
	452374	AL037405	Hs.339639	ESTs	2.1
	450061	A1797034	Hs.201115	ESTs	2.1
	450180	AW449644	Hs.257182	ESTs	2.1
25	405120				2.1
	407378	AA299284	Hs.57776	ESTs, Moderately similar to I38022 hypot	2.1
	458890	AW855523		gb:PM4-SN0020-010400-009-b05 SN0020 Homo	2.1
	435800	AL047034	Hs.119747	ESTs	2.1
	440964	A1733106	Hs.130218	ESTs	2.1
30	417455	AW007066	Hs.18949	ESTs, Weakly similar to CA2B_HUMAN COLLA	2.1
	436461	AW511956	Hs.293261	ESTs	2.1
	436777	AA731199	Hs.293130	ESTs	2.1
	427521	AW973352	Hs.290585	ESTs	2.1
	413646	BE155042		gb:PMO-HT0349-101299-002-E04 HT0349 Homo	2.1
35	413231	D87461	Hs.75244	BCL2-like 2	2.1
	423969	A1830571	Hs.331633	hypothetical protein DKFZp566N034	2.1
	411518	AW850246		gb:IL3-CT0219-291099-021-E07 CT0219 Homo	2.1
	443777	AV646510	Hs.41185	Homo sapiens mRNA; cDNA DKFZp564O1262 (f	2.1
	416148	H22453	Hs.168187	ESTs	2.1
40	402528				2.1
	431215	AA495078	Hs.121554	Human DNA sequence from clone RP11-218C1	2.1
	436820	A1684535	Hs.200811	ESTs	2.1
	445209	A1375025	Hs.153368	ESTs	2.1
	453362	H14988	Hs.107375	ESTs	2.1
45	417430	AA584546		gb:am88e08.s1 Stratagene schizo brain S1	2.1
	401059				2.1
	454078	AA601518	Hs.22209	secreted modular calcium-binding protein	2.1
	410966	AW812088		gb:RC4-ST0173-191099-032-a07 ST0173 Homo	2.1
50	447124	AW976438	Hs.17428	RSP1-like protein	2.1
	449939	T86420	Hs.272139	ESTs	2.1
	411893	AW857271		gb:CMO-CT0307-210100-158-g09 CT0307 Homo	2.1
	438005	BE151746		gb:PM1-HT0305-061299-003-a06 HT0305 Homo	2.1
	443486	NM_003428	Hs.9450	zinc finger protein 84 (HPF2)	2.1
55	407884	BE075315	Hs.95011	syntrophin, beta 1 (dystrophin-associate	2.1
	404694				2.1
	406688	T82746	Hs.184411	albumin	2.1
	441082	T99289	Hs.128556	EST	2.1
	454543	BE006345		gb:RC2-BN0127-240300-011-d05 BN0127 Homo	2.1
60	426546	AA382787	Hs.122713	ESTs	2.1
	431605	AW972407		gb:EST384498 MAGE resequences, MAGL Homo	2.1
	414452	AA454038	Hs.29032	ESTs	2.1
	401991				2.1
	457176	AA436837		gb:zv57g07.s1 Soares_testis_NHT Homo sep	2.1
65	436464	A1018176	Hs.268783	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.1
	428208	AA442327	Hs.104854	ESTs	2.1
	445049	AV652718		gb:AV652718 GLC Homo sapiens cDNA clone	2.1
	419116	AF292402	Hs.283093	neurotrophin-4 receptor 2	2.1
	427894	AL135709	Hs.28921	zinc finger protein	2.1
70	424296	A1631874	Hs.155140	casein kinase 2, alpha 1 polypeptide	2.1
	424323	AA338791	Hs.177788	ESTs	2.1
	404582				2.1
	418631	AA225921	Hs.115105	ESTs	2.1
	424872	AA347923		gb:EST54302 Fetal heart II Homo sapiens	2.1
75	452539	AW105321	Hs.49367	ESTs	2.1
	454658	AW812330	Hs.11123	DKFZP564G092 protein	2.1
	440310	AA878939	Hs.125406	ESTs	2.1
	433297	AV655581	Hs.282633	ESTs	2.1
	410900	AW810169		gb:MR4-ST0124-040500-007-h07 ST0124 Homo	2.1
80	419388	AA236867	Hs.143868	ESTs, Weakly similar to I38022 hypothet	2.1
	402451				2.1
	447842	AW160804	Hs.247302	twisted gastrulation	2.1
	453880	A1803166	Hs.28462	ESTs, Weakly similar to I38022 hypothet	2.1
	425189	H16622		gb:ym26c07.r1 Soares Infant brain 1N18 H	2.1

	457225	AW820035	Hs.278679	a disintegrin and metalloproteinase doma	2.1
	400612				2.1
	402318				2.1
5	410534	AW905138		gb:QV0-NN1071-280400-207-g07 NN1071 Homo	2.1
	410678	AW809201	Hs.314248	ESTs, Weakly similar to ALU4_HUMAN ALU S	2.1
	412029	AW886233		gb:RC5-OT0078-280300-022-F01 OT0078 Homo	2.1
	414494	AA768491	Hs.6783	hypothetical protein FLJ22724	2.1
	427027	AI924294	Hs.173259	uncharacterized bone marrow protein BM03	2.1
10	444498	AI151413	Hs.26330	ESTs	2.1
	435191	R15912	Hs.4817	Homo sapiens clone 24461 mRNA sequence	2.1
	425324	M89470	Hs.155644	paired box gene 2	2.1
	430719	AA488988	Hs.293796	ESTs	2.1
	432577	BE208545	Hs.317590	hypothetical protein FLJ14640	2.1
15	407593	AW044083	Hs.237008	ESTs	2.1
	401098				2.1
	440299	AI871778	Hs.250112	ESTs	2.1
	414146	BE549372	Hs.317596	Homo sapiens cDNA FLJ12927 fis, clone NT	2.1
	428527	BE002993	Hs.187660	putative Rab5 GDP/GTP exchange factor ho	2.1
20	451806	NM_003729	Hs.27076	RNA 3'-terminal phosphate cyclase	2.1
	431912	AI680552	Hs.154903	ESTs, Weakly similar to A56154 Abi subst	2.1
	439831	AW136488	Hs.25545	ESTs	2.1
	451829	AW964081	Hs.247377	ESTs	2.1
	404595				2.1
25	421498	AA292084	Hs.191575	ESTs, Moderately similar to ALU2_HUMAN A	2.1
	458083	U46922	Hs.77252	fragile histidine triad gene	2.1
	440527	AV657117	Hs.184164	ESTs, Moderately similar to S65657 alpha	2.1
	406413				2.1
30	439463	T69960	Hs.58323	Homo sapiens cDNA FLJ11613 fis, clone HE	2.1
	446242	N66336	Hs.7380	ESTs	2.1
	449625	NM_014253	Hs.23795	odc (odd Oz/ten-m, Drosophila) homolog 1	2.1
	457938	AI373638	Hs.133900	ESTs	2.1
	413101	BE065215		gb:RC1-BT0314-310300-015-f01 BT0314 Homo	2.1
	408350	AW183350	Hs.250127	ESTs	2.1
35	419812	NM_000562	Hs.93210	complement component 8, alpha polypeptid	2.1
	430681	NM_000809	Hs.248112	gamma-aminobutyric acid (GABA) A recepto	2.1
	429682	NM_006306	Hs.211602	SMC1 (structural maintenance of chromoso	2.1
	409855	U60565	Hs.57692	chromosome 6 open reading frame 10	2.1
	435579	AI332373	Hs.156924	ESTs	2.1
40	436088	AA704687	Hs.191294	ESTs	2.1
	430223	NM_002514	Hs.235835	nephroblastoma overexpressed gene	2.1
	418100	H18700	Hs.268799	ESTs	2.1
	403218	AL134878	Hs.119500	ribosomal protein, large P2	2.1
	409747	H60964	Hs.331250	ESTs	2.1
45	428764	W21550		gb:zb52f12.r1 Soares_fetal_lung_NbHL19W	2.1
	425075	AA506324	Hs.1852	acid phosphatase, prostate	2.1
	409432	D49372	Hs.54480	small inducible cytokine subfamily A (Cy	2.1
	428299	AL038004	Hs.29419	ESTs	2.1
	406817	AI936028		gb:wo47a09.x1 NCI_CGAP_Gas4 Homo sapiens	2.1
50	411940	AW876686		gb:CM4-PT0031-180200-507-e05 PT0031 Homo	2.1
	412446	AI768015	Hs.92127	ESTs	2.1
	414012	AW452334	Hs.128148	ESTs	2.1
	421066	AA904519	Hs.130710	ESTs	2.1
	430566	AA481282	Hs.190149	ESTs	2.1
55	456606	AA292862	Hs.275369	ESTs	2.1
	451604	T65365	Hs.172851	arghase, type II	2.0
	440926	AW196772	Hs.131323	ESTs	2.0
	420687	AA279392	Hs.88605	Homo sapiens cDNA FLJ13427 fis, clone PL	2.0
	459082	BE551721	Hs.282149	ESTs	2.0
60	413241	BE073771	Hs.302414	Homo sapiens clone FLB8945 PRO2411 mRNA,	2.0
	426917	AA913814	Hs.172854	DKFZP586B0923 protein	2.0
	447552	AI394125	Hs.160413	ESTs	2.0
	420905	AA521307	Hs.186651	ESTs	2.0
	428052	AA420477	Hs.26993	ESTs	2.0
65	424308	AW975631	Hs.154443	minichromosome maintenance deficient (S.	2.0
	432527	AW975028	Hs.102754	ESTs	2.0
	430202	T85775		gb:yd00g02.r1 Soares_fetal_liver_spleen	2.0
	446610	AV859433	Hs.282984	ESTs, Weakly similar to I38022 hypotheti	2.0
	427961	AW293165	Hs.143134	ESTs	2.0
70	455290	U75810		gb:HSU75810 Human Homo sapiens cDNA clon	2.0
	445664	AB028957	Hs.12896	KIAA1034 protein	2.0
	412811	H05382	Hs.21400	ESTs	2.0
	413783	AA314337	Hs.301547	ribosomal protein S7	2.0
	423867	AA331886		gb:EST35757 Embryo, 8 week I Homo sapien	2.0
75	429418	AI381028	Hs.118769	ESTs	2.0
	431511	NM_012386	Hs.258681	Homo sapiens p95 paxillin-kinase linker	2.0
	445829	AI452457	Hs.145526	ESTs	2.0
	452366	AK000464	Hs.29276	hypothetical protein FLJ20457	2.0
	463123	AI953718	Hs.221849	ESTs	2.0
80	455401	AW936369		gb:QV4-DT0021-301299-071-207 DT0021 Homo	2.0
	406566	V00485	Hs.184411	albumin	2.0
	445588	AI248205	Hs.153244	ESTs	2.0
	446131	NM_000929	Hs.290	phospholipase A2, group V	2.0
	440388	AI693520	Hs.223000	ESTs	2.0

	457128	AI932995	Hs.183475	Homo sapiens clone 25061 mRNA sequence	2.0
	404418				2.0
	444187	AW138466	Hs.151274	ESTs	2.0
5	431582	AI815863	Hs.255873	axonal transport of synaptic vesicles	2.0
	455814	BE141689		gb:CM1-HT0092-220999-015-b09 HT0092 Homo	2.0
	454759	AW819455		gb:RC5-ST0293-021299-031-A04 ST0293 Homo	2.0
	426497	AA379313		gb:EST92807 Skin tumor I Homo sapiens cD	2.0
	404420				2.0
10	408112	AW451982	Hs.248613	ESTs	2.0
	432702	AW973953	Hs.293744	ESTs	2.0
	448587	AI538652	Hs.28338	KIAA1546 protein	2.0
	446854	BE268103	Hs.208914	hypothetical protein MGC10999	2.0
	410589	AA766825	Hs.205675	ESTs	2.0
15	432596	AJ224741	Hs.278461	matrin 3	2.0
	402341				2.0
	452919	AW952167		gb:EST374240 MAGE resequences, MAGG Homo	2.0
	433632	AA649921	Hs.112553	ESTs	2.0
	435079	AA654192		gb:ac05b03.s1 Stratagene lung (937210) H	2.0
20	451927	AL355687	Hs.27261	Homo sapiens mRNA full length insert cDN	2.0
	432839	AA579465	Hs.45207	hypothetical protein KIAA1335	2.0
	450895	N66727	Hs.10957	ESTs	2.0
	408459	H09701	Hs.278366	ESTs, Weakly similar to I38022 hypothe	2.0
	400842				2.0
25	455797	BE091833		gb:IL2-BT0731-260400-076-F04 BT0731 Homo	2.0
	400859				2.0
	405829				2.0
	411863	BE075244	Hs.12420	ESTs	2.0
	415258	AW752247	Hs.283853	ESTs	2.0
30	418093	R80685	Hs.288698	ESTs, Moderately similar to ALUC_HUMAN I	2.0
	420314	H81671	Hs.320921	ESTs, Weakly similar to T22688 hypothe	2.0
	428002	AA418703		gb:zv98c03.s1 Soares_NhHMPu_S1 Homo sapl	2.0
	437733	AI792574	Hs.122876	ESTs	2.0
	453118	AW195849	Hs.252757	ESTs	2.0
35	457039	H29990	Hs.101937	sine oculis homeobox (Drosophila) homolo	2.0
	454578	AW809178		gb:MR4-ST0118-261099-012-c07 ST0118 Homo	2.0
	411565	AW851728		gb:MR2-CT0222-011199-007-d06 CT0222 Homo	2.0
	419986	AI345455	Hs.78915	GA-binding protein transcription factor,	2.0
	415173	AW501735	Hs.253016	ESTs	2.0
40	449011	AI655376	Hs.192693	ESTs	2.0
	410365	AI287518	Hs.62669	Homo sapiens mRNA; cDNA DKFpZp586D0823 (f	2.0
	416057	AI927382	Hs.29857	ESTs	2.0
	455688	BE067238		gb:PM1-BT0348-151299-001-a12 BT0348 Homo	2.0
	408531	AW207553	Hs.253639	ESTs	2.0
45	434663	AA641972	Hs.130055	ESTs	2.0
	428085	AA421081	Hs.12388	ESTs	2.0
	425006	R38685	Hs.332622	ESTs	2.0
	446139	H77395	Hs.39749	ESTs	2.0
	400049				2.0
50	428333	AW972668	Hs.293044	ESTs	2.0
	429458	BE161832	Hs.292689	ESTs	2.0
	425087	R62424	Hs.126059	ESTs	2.0
	457122	AI026157	Hs.33728	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.0
	400310	X63966	Hs.135631	H.sapiens synthetic gene for platelet-de	2.0
55	451805	AI958300	Hs.208220	ESTs	2.0
	401986				2.0
	415318	T06544		gb:EST04433 Fetal brain, Stratagene (cat	2.0
	417756	Z43056		gb:HSC128021 normalized infant brain cDN	2.0
60	418301	AW978201	Hs.53913	hypothetical protein FLJ10252	2.0
	424698	AA164366	Hs.151973	hypothetical protein FLJ23511	2.0
	429110	L29301	Hs.2353	oploid receptor, mu 1	2.0
	433755	AW085934	Hs.120863	ESTs	2.0
	434118	AF116715	Hs.256256	Homo sapiens PRO2629 mRNA, complete cds	2.0
	435413	AI267476	Hs.46669	ESTs	2.0
65	443748	AW206447		gb:U1-H-B11-atg-g-02-O-U1.s1 NCL_CGAP_Su	2.0
	445205	D83776	Hs.12413	KIAA0191 protein	2.0
	458175	AW296024	Hs.150434	ESTs	2.0
	446419	AW576760	Hs.160728	Homo sapiens cDNA FLJ11680 lis, clone HE	2.0
	441627	AA947552	Hs.58085	ESTs	2.0
70	457653	AI820719	Hs.154662	DnaJ (Hsp40) homolog, subfamily A, membe	2.0
	455614	AI693369	Hs.202274	ESTs	2.0
	449899	AI610700	Hs.103280	ESTs	2.0
	420111	AA255652		gb:zs21h11.r1 NCL_CGAP_GCB1 Homo sapiens	2.0
	437354	AA749215	Hs.291886	ESTs	2.0
75	412228	AW503785	Hs.73792	complement component (3d/Epstein Barr vi	2.0
	419691	W03298	Hs.193521	ESTs	2.0
	439724	AF085565	Hs.50351	EST	2.0
	413362	BE088812		gb:CM2-BT0593-230300-129-d08 BT0593 Homo	2.0
	453652	AW009640	Hs.28368	ESTs, Moderately similar to S65657 alpha	2.0
80	434361	AF129755	Hs.117772	ESTs	2.0
	442479	AF069484		gb:AF069484 Homo sapiens astrocytoma lb	2.0
	413554	AA319146	Hs.75426	secretogranin II (chromogranin C)	2.0
	459323	AW062490		gb:MR0-CT0065-100899-001-d01 CT0065 Homo	2.0
	449438	AA827317	Hs.554	Sjogren syndrome antigen A2 (60kD, rRou	2.0

	400285				2.0
	407407	AF050198		gb:Homo sapiens putative mitochondrial s	2.0
	411459	BE142707		gb:MR0-HT0157-191199-002-g12 HT0157 Homo	2.0
5	417383	W02842	Hs.136102	KIAA0853 protein	2.0
	447153	AA805202	Hs.315562	ESTs	2.0
	447313	U92981	Hs.18081	Homo sapiens clone DT1P186 mRNA, CAG rep	2.0
	455895	BE087870		gb:RC0-BT0362-021299-031-b08 BT0362 Homo	2.0
	456510	AK001652	Hs.99423	ATP-dependent RNA helicase	2.0
10	449815	AI671000	Hs.199739	ESTs	2.0
	425398	AL049689	Hs.156369	hypothetical protein similar to tenascin	2.0
	400238				2.0
	451678	AA374181	Hs.26799	DKFZP564D0764 protein	2.0
	445073	AW291389	Hs.13055	hypothetical protein FLJ13920	2.0
15	455221	AW867751		gb:MR0-SN0038-290300-001-a03 SN0038 Homo	2.0
	413174	AA723564	Hs.191343	ESTs	2.0
	435810	BE349853	Hs.2785	keratin 17	2.0
	418687	R61650	Hs.22581	ESTs	2.0
	438563	AA810665	Hs.134746	ESTs, Weakly similar to A46010 X-linked	2.0
20	431750	AA514986	Hs.283705	ESTs	2.0
	453242	T98327	Hs.18343	ESTs	2.0
	437074	AI286235	Hs.128905	hypothetical protein FLJ13204	2.0
	459411	N52920		gb:yv34h09.s1 Soares fetal liver spleen	2.0
	424834	AK001432	Hs.153408	Homo sapiens cDNA FLJ10570 fis, clone NT	2.0
25	409929	R38772	Hs.172619	myelin transcription factor 1-like	2.0
	405378				2.0
	458208	BE261314	Hs.149039	ESTs, Weakly similar to I36022 hypotheti	2.0
	445260	AI218133	Hs.147617	ESTs	2.0
	416248	H99169	Hs.23450	mitochondrial ribosomal protein S25	2.0
30	445020	AI205655	Hs.147221	ESTs	2.0
	402048				2.0
	412695	AW984439		gb:PM3-HN0011-220300-002-c05 HN0011 Homo	2.0
	415408	R94725	Hs.35354	ESTs	2.0
	423347	AI660412	Hs.234557	ESTs	2.0
35	427838	AA416642	Hs.116176	ESTs	2.0
	433347	AF023130		gb:Homo sapiens Ras-GRF2 mRNA, partial c	2.0
	436902	AW247145	Hs.192729	ESTs	2.0
	440122	AI733011	Hs.127678	ESTs	2.0
	442901	AI023654	Hs.114191	ESTs	2.0
40	444097	AW517412	Hs.150757	ESTs	2.0
	447273	AI934935	Hs.158869	ESTs	2.0
	451361	AA053854		gb:z152f02.r1 Soares retina N2b4HR Homo	2.0
	451813	NM_016117	Hs.27182	phospholipase A2-activating protein	2.0
	454423	AW803985		gb:RC4-CN0048-140100-011-a04 CN0048 Homo	2.0
45	458801	N98548	Hs.276860	ESTs, Weakly similar to C Chain C, Human	2.0

TABLE 30B

50	Pkey:	Unique Eos probaset identifier number	
	CAT number:	Gene cluster number	
	Accession:	Genbank accession numbers	
55	Pkey	CAT number	Accession
	407593	1003161_1	AW044083 AW044094 AW370634
	407594	1003220_1	AW057684 AW067585 AW044153 R34370
	407639	1008924_1	AW205369 AW058599 AW207608
60	407676	1008294_1	AW064111 AW064450 AW064429
	407721	10108_1	Y12735 NM_003582 AW238970 R38268 R41411 R41419 T16717 AA002193 H62028 AI359545 AW105201 AW087158 AA699728 AI095264
			AA002065 H62029 AI289101 AA884804 AA904950 AA609572 AI139874 H77896
	407726	101126_1	AA435679 AA470655 H22525 AA044031 AA876426 W63767 AI421140 AI418990 H42329 H88910 AL041066 H88909 W94610 AW352277 W94648
			W94167 AW952558 AI419653 AA335501 AA393641 AA044353 H41626 H22525 R58582 AW297645 C75230 AW368034 AW468904 AI272755
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70	435191	4022_1	R15912 Z45805 R56366 H09688 H28908 Z42110 AF070577 H15499 Z45171 T80013 R19744 R12077 H41631 M62055 H28907 AI670949 H15441
			N58804 AW015150 AI655738 T17312 H42324 R37140 R15911 AI361490 R42494 AA912236 Z40636 F04573 AI217847 R56270 R45163 T03442
			F01647 N72748 H42333 H41621
	435202	402737_1	AI971313 AW865041 AW991934 BE005447 R59093 AA670383 N79509
	435256	40362_1	AF193766 AA448744 T82006 T83161 AI742654 AA460463 H61567 AA701618 H57113 AI127309 AI633508 AI571360 T90634 AA233071 AA448648
			AA897786 AI208655 AI589742
75	435325	404382_1	AI038388 AA677863 T86982
	435352	404634_1	AI056599 AA678238 AA704443 AA704720
	435413	405993_1	AI267476 AI655484 AI866193 AA680045 N47090
	435434	406256_1	AA680387 AI140534 AA704460 AA703562
	435451	40646_1	AF195420 AA702693 AI076124 N73156
80	435463	406582_1	AA682507 AW851124
	435559	40812_1	AF209198 AA251397 D81981 AA082116 BE536905 W81660 AI872970 H82577 W19613 AA102582 AW966896 AW967510 W81219 AI635559
			N27948 N24381 AI077944 AI763038 W61334 AI624272 AI972115 AI375987 AI378124 AI088015 AW028141 H99133 AW971529 AI198751 AI671325
			N90026 AI241170 AW207070 AI23885 AI865150 AA626093 AA554588 AI222670 AI927421 AI193218 AW305284 AA251239 AI638572 AA486306

5	435563	40823_1	AF210317 F00548 BE463553 AW300078 A1766064 BE464198 AW263084 A1671682 A1433678 A1312682 AA918717 AW614815 A1022719 AA918718 AA918939 A1671678 A1700871 AA059043 A1580406 A1302080 A1796223 A1300071 BE466457 A1671399 A1913595 A1332373 A1333796 AA688232 AW975345 AW592953 A1279137 A1290738 AA688341 N66427 AL047034 AA689487 A1821857 A1W183571 A1W341427 AA693524 T82384 R05307 AA693714 A1023707 AA683940 A1075300 R11673 AA699970 R00740 AB037734 A1360748 Z38942 F01814 H13007 H05896 Z45594 H12106 H18730 AA249485 Z42339 R14983 R55164 AW957717 R54369 W60887 AA010504 AA099463 W60805 R49440 AW901726 R39025 A1367370 A1537878 BE503519 AW167870 H44902 AW130792 A1740821 T03753 AA010505 R54824 AA708629 AA443681 R45874 A1284956 R45266 F09255 AA729642 T16068 A1564764 T33889 AA099384 Z38585 H18644 AA447068 F11599 R35922 H06346 H06936 T78310 H06937 R56539 R20468 BE349853 AA771928 AA700433 R08330 AA701418 W88583 W88497 AA703154 W80635 R08382 AA778177 AA777469 AA703516 H76391 AW298387 AW854959 AA703650 AA704687 R98220 R10653 A1754308 AW069285 T71338 A1378245 AA705384 AA973318 N74598 AA764950 AW418719 A1420075 AW084601 AW977003 AA705446 AK000883 AW799155 AW799153 AA300122 AK000998 BE157076 BE157298 AA706059 BE218269 AW294253 AK001074 AA354117 AK001084 AA078092 AA829049 AY004887 A1813270 AA349423 AA707472 A1684396 A1283634 AA708310 H52584 H62175 AW293496 A1186642 AA716002 AA708470 AA708756 A1798750 A1221709 AA709226 AL049679 AA577969 BE166265 AA315705 AA329923 AW962505 A1227892 AA338715 BE074475 BE074469 BE074474 AW006182 AW572953 A1831725 A1762923 A1341466 AW449335 BE551666 A1692895 A1040410 A1276881 A1891008 AA715013 AW468194 A1476329 AA992943 A1678031 AW173312 AA812698 AA729849 A1380375 W25689 A1344299 AW511956 AA719488 BE071680 AW748028 AW696108 A1016176 A1091255 AA719507 A1128614 AA719813 H18655 H08201 AW604381 A1185428 AA985353 AA721252 AA737475 AA730237 N66701 AW977061 AA723274 BE503172 A1457238 BE467884 BE221090 AW293527 H30281 A1828505 AW073905 AW087393 A1092824 A1208455 AW339087 A1935381 A1434683 AW007605 BE327828 AA913315 A1749824 A1457483 A1348298 A1348270 H30323 AA723461 W84774 A1009817 N29755 AA834395 A1294064 H64235 T95647 A1393115 AA861280 AA723779 A1783629 A1837609 A1655377 AW074703 AW448028 AA890668 R60313 AW243019 BE464436 AA973133 A1263065 A1582600 F03414 AW236442 AA873868 Z38275 AA724332 W23675 W15388 A1271945 A1271818 AW235681 AW051010 AA724411 A1286124 AW340053 A1127483 AA725246 AA725281 A1676162 A1744107 A1745374 AA838337 A1675430 AW991278 AA771917 AA726348 AW816293 A1744435 BE085750 AW975902 AA729344 A1557342 AW977192 AA730050 AA731416 AA731199 AW975817 AW241735 A1684535 A1884856 A1499858 AA731767 BE326074 A1700552 BE467938 BE218850 A1807702 A1942357 A1253135 AA761873 AA736675 AA748004 AA814004 AW978076 AW978086 AW247145 AA737014 AW592475 AA884380 AA883987 AA905207 AW976117 AW976124 AW139680 A1934979 A1480295 A1809768 AA738123 A1080339 A1423832 AB018305 BE315203 A1569725 AL133797 AK001584 H09449 F08408 AW958309 R25793 AA449547 H38279 A1871689 M78530 R57626 AA244349 AA244163 A1700043 A1632649 A1632660 AA622344 T23690 A1567994 AW044114 A1654454 BE047014 AW594714 Z41397 C15384 H61875 H24153 N77073 AA127579 AA453658 R67153 AW390446 AW390451 W93800 AA358644 AW959169 AA034237 A1689608 AW197421 R91784 AW088291 AW194393 BE049402 AA534904 AA428038 AW662868 R27202 H01251 H13082 N42254 N57202 R82261 A1972558 BE464017 BE348770 AA449113 AW152432 A1205902 N32810 W93989 A1799502 AW665636 AW571858 A1423145 AW514573 AW197663 AA053930 AW665686 A1376613 A1479838 A1218225 A1656541 A1128371 AA127466 R59973 AA427824 AA776360 A1817703 AW088405 A1361608 A1859002 R27203 H55900 A1824832 AW190558 AW470416 A1585056 A1858842 A1674914 BE463424 R81785 A1401062 AW103934 AW276699 A1809595 AW628378 AW071548 A1189019 A1002857 AW206484 AA364666 H01165 N59365 AA773930 AW027775 N29781 AW959931 AA447735 A1285163 A1633932 A1290045 A1600254 R62206 A1638501 A1690373 BE222634 AW027793 AW027950 AW182098 AW592205 H24046 A1811625 A1885290 A1744720 A1274485 A1800088 C04100 AA055339 A1800087 A1803875 A1360174 AW572585 A1081359 AA904821 A1874167 AA421739 N39444 A1219568 AA257059 AW451191 AA502410 A1143661 AW276821 AW276891 AW515195 AA055340 D25758 AA327290 AA741074 AW448312 A1827330 Z44512 AW779332 A1761428 AW295099 A1134768 A1627818 AA745625 AA743054 AA741154 AA743240 A1458568 AW613603 T25344 T40899 AW976433 BE350724 A1954132 AA830804 AK023264 AA181185 X52360 A1885608 AA743734 A1034154 A1075224 A1656815 A1887898 AW243126 A1950513 A1869093 A1273184 AA912285 AA912258 AW976672 A1335673 A1080389 N79728 A1286235 A167243 AA761662 A1672630 BE047809 AA743935 AW341613 A1700300 A1935622 AA745086 AW513654 A1928184 BE048934 AA746057 A1206024 D57453 A1076908 A1089589 A1283431 W58768 AA778157 AA747822 AA836580 AW976205 AA814943 AA748579 AW976617
	435579	408457_1	
	435586	408547_1	
	435600	408604_1	
	435608	409071_1	
10	435634	409239_1	
	435663	409442_1	
	435766	410653_1	
	435793	4108_1	
15	435810	411064_2	
	435878	411896_1	
	435985	413228_1	
	436020	413539_1	
	436033	413663_1	
20	436088	414403_1	
	436149	415010_1	
	436154	415063_1	
	436168	41524_1	
	436187	41550_1	
25	436193	415573_1	
	436194	41557_1	
	436196	41562_1	
	436250	41647_1	
	436269	416768_1	
30	436294	417339_1	
	436298	417417_1	
	436329	417990_3	
	436332	41800_1	
	436391	41899_1	
35	436397	419098_1	
	436421	419635_5	
	436461	420657_1	
	436464	420676_1	
	436471	420879_1	
40	436508	421577_1	
	436511	421589_1	
	436572	423035_1	
	436574	423192_1	
45	436577	42320_1	
	436590	423462_1	
	436637	423940_1	
50	436638	423987_2	
	436640	424008_1	
	436679	424709_1	
	436883	424793_2	
	436720	425876_1	
55	436747	426172_1	
	436777	426966_1	
	436820	427433_1	
	436853	42803_1	
	436888	428768_1	
60	436902	429024_1	
	436938	429785_1	
	436982	4306_1	
65			
70			
75	436992	430854_1	
	436998	430929_1	
	437048	432140_1	
	437064	43234_1	
	437073	432564_1	
80	437074	432577_1	
	437085	432740_1	
	437138	433576_1	
	437183	434235_1	
	437263	435353_1	
	437332	436150_1	



5	419543 455657 414405	251903_1 1490185_1 112689_1	AJ018087 AA244170 AA244355 BC065208 BE065364 BE065110 BE065111 AL047596 AA393792 A1670731 AJ037957 AW874364 A1038137 N62286 A1241379 BE501096 AW090596 A1927369 A1669226 A1369437 A1371075 AW612409 A1686711 A1183289 AA477717 A1076122 AA635190 AA700984 AA781508 D81020 BF575223 A1356183 D79312 A1375558 H61111 BG283489 BE090666 BE090664 BE090662 H26545 AL575207 AL551714 BM014781 BG542863 BG771232 AA429722 A1377511 A1770155 AA716665 BG003427 AA810811 AA442760 AA128610 AA059411 A1796263 AM94075 A1572127 AA420592 BF436083 A1648675 AA878813 B1488614 BG700886 AA128609 AV702879 AA731146 A1580338 A1373224 AA919169 A1758175 AA976350 BG701414 BF057794 AW135598 AA062583 B1549631 A1185077 AA933879 AW024454 AA193289 AA045194 BG928396 BE855883 BF435859 AA196423 AW237471 R99289 D61992 BE856637 BF366270 AA194235 N51319 AA383499 N63065 BG548812 BF027898 BG779448 AA090560 AA093526 T47733 AW975084 T90204 AA658177 A1187366 AA618478 AA558869 A1308202 A1307229 AA769348 A1362520 D25917 A1670784 A1742347 AW269789 A1270700 AW610641 AW793036 AW793036 AW610540 AW362220 AW362166 AW362214 AW362225 AW362228 AL119827 A1420458 A1018523 AA705686 BF049633 AL119553 BF945960 A1081305 AA041432 A1921013 A1684910 A1654847 AW874199 A1206120 AW241428 R43035 T66767 AW103715 W28478 BF963052 H45926 BF807568 AW903943 BE170143 B1040435 BF931989 B1600000 AV722350 W27787 H45331 B1549761 R63955 B1549855 BG991583 B1491075 AW020049 AW129293 H45263 AA410309 AA340613 R42410 AA707199 A1431587 BE858679 AW292267 A121678 AA041195 BE466753 A1243813 A1358894 AW137298 A1366468 N64350 AA779107 AW025959 R49056 AA347011 R55722 AW771106 F04969 Z38381 F01659 H17396 B1493714 A1880103 AW771447 A1202561 AA786851 A1494436 BF656114 H22570 A1076345 A1887648 AA572691 BF946219 BF946218 BF851494 AL536679 AA457150 A1590194 A1582629 AA464515 AA916242 AA337109 AA336509 N46908 AA336322 AA336407 AA337222 AA319240 B1026817 B1027058 AL536880 A1693827 AA651730 A1701013 BM068789 AW339506 AA293021 BF691108 A158885 AW361203 AW974652 A1761251 A1655763 AA628063 BE047125 AW085916 A1129587 N52070 AW172361 AA052951 AW085909 A1000008 AA962570 A1371342 A1364207 AA464514 A1962506 A1824603 AW376300 AA058439 AW361192 AV656660 N50282 BF920514 BF891008 H40784 BF891112 BE708029 AW043567 AA056762 BM456602 AV705711 BF779357 H90994 AA234435 AA568020 BF351723 AA328271 R94815 N99638 BG223375 AW973760 N59599 AF030234 BC017465 BG008526 AW505550 BM460141 N47324 AA361037 AA321632 N45606 AV752798 AV657116 AA296632 A1137857 AW467027 A1742080 A1624350 H58206 AA478518 AW439997 AW393555 AW393523 A1659753 A1808732 R66856 H01374 B1257369 B1259830 AW560845 BM466252 AW956813 BE768647 AV658853 BM055248 BF372070 BF372055 BF372061 AA347852 AA905963 BG505078 AV654024 BF093291 AW021929 H22650 AA459715 BG496341 BE697763 B1254209 BG499543 H42946 B1059780 B1086741 H87896 H87599 BF691752 BE768511 BG940948 W37195 BF372041 BE683796 BF372082 BF367329 BF909744 AW966003 AV714014 B1492868 B1495144 AA921845 A1693426 A1652147 A1435449 M47325 A1434429 AA573137 A1183429 A1825962 A132526 BF513937 A1189561 A1211962 A1378034 AW118897 AW665247 AW340077 N41605 AA478519 AA463875 A1858260 AA463379 A1292305 BE045947 AA971089 A1125820 BG940947 A1080245 AA884954 A1125702 A1382934 AA931835 A1358631 AW439905 A1027833 A1399648 A1014533 AA347851 AA738261 N67374 N69081 A1768687 AA948472 A1819214 AA293133 A1186725 AA889214 A1222635 B1495143 N28605 N48812 AA769041 A1492769 D56771 AA095911 BE222062 D56772 AW372265 BM054985 D12465 BG534582 AW003511 H87486 H42880 AW190293 BF594697 BF377611 H22043 B1255749 B1492848 H116217 H21980 H22861 H88179 H87354 H44052 H25165 H44128 U52054 AL581000 AA156860 AW293830 B1335865 AA024963 BF149420 BE073977 AW602574 BE164012 BE163992 BE163974 AW402161 BM194134 AW966609 W84374 BF916380 AA385173 W84386 AA383743 BF903598 AA043776 W84421 AA778446 AW444904 BF446960 AA837481 AV755539 AW468444 AW468002 AA811830 AA581806 A1866686 A1572124 AA687333 D20160 AA812489 AU185248 AU186004 AA155781 A1538733 BM144850 A1471883 AA040926 BF507639 AA043777 AW874142 BE832523 BE163972 B1022546 B1021204 A1000341 A1766341 AW873274 AV704062 BE162284 A1032945 BF360636 A1884781 A1652208 A1851694 A1638744 A1962493 M18728 BG116781 B1914326 B1030196 N58885 N63406 AV683374 N58892 BG110501 AA333708 AA359583 AW983123 N95562 N95696 N95687 AK074291 AW293424 BE676136 A1832126 BE019146 BE465019 A1761124 AA617778 A1279232 AW575897 A1672039 F28618 BF924261 AA722184 BF934174 BE004328 AV749301 BE880282 B1019798 B1019389 BF928776 AWB13409 AV726604 AA077560 BE272975 BF949119 AW814195 BE879126 A1697926 BF694155 BE205787 BF063513 N35828 A1948557 A1433839 A1379679 BG056182 A1589094 N23123 AA588805 AW316581 A1080272 A1421980 A1493316 BF194830 N87590 AA495993 N32996 AA699844 H96845 H96592 N28741 B1035539 BF747723 BF171066 W01350 H05495 A1243785 Z39822 AA887432 A1350659 R46162 AL520496 AW978162 A1610475 A1688990 AW470054 AA609426 A1167391 AA815231 AA358241 BG009500 A1376551 AA897445 T87714 A1184717 AW518883 AF121173 AA179446 AA357794 D81719 DB0529 C14833 AW972724 AA877998 AA522631 A1185388 AW972053 AA668764 AA804491 AW665668 AA750609 A1740586 AA771806 BE500596 AW204531 A1082424 A1033879 BF093176 AA771764 D38876
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TABLE 33C:

65	Pkey: Ref:	Unique number corresponding to an Eos probeset Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham, et al." refers to the publication entitled "The DNA sequence of human chromosome 22" Dunham, et al. (1999) <i>Nature</i> 402:489-495.
	Strand:	Indicates DNA strand from which exons were predicted.
	Nt_position:	Indicates nucleotide positions of predicted exons.
70	Pkey 401403 406387 405268 406122 402550	Ref 7710966 9266180 4156151 9144087 7652009
	Strand Plus Plus Minus Minus Minus	Nt_position 146180-146294 116229-116371,117512-117651 24404-24521 30940-31386 80413-80573

80 TABLE 34A: About 703 genes upregulated in idiopathic pulmonary fibrosis relative to hypersensitivity pneumonitis or non-specific interstitial pneumonitis

Pkey:	Unique Eos probeset Identifier number
ExAccn:	Exemplar Accession number, Genbank accession number

439560	47377_1	BE565647 AA384580 AI985958 AW118400 AA131255 AI017605 BE546585 AA131345 AA318529 AA316901 AW014441 AI632144 AI765495 AI745595 AW473886 AI263026 AI377804 AW664079 AI805774 D20313 AA864830 AA993300 AI991497 AI092233 AI253607 AW237133 AI638158 AI223187 AA653544 AI972790 AW986478 BE175948 AI056618 AI076321 W79643 AF086386 AI418395 AI743471 AI744094 W74123 BE549611 AI796878 W79123 AF086432 W79920 AW873727 AI611298 N22415 AA838783 AW450533 W79377 AF088065 BE348731 AL119650 AA166648 AWD16476 W81285 AA258105 AL119947 AA331387 AW865247 R53043 AA290926 AI741816 AI761457 AI453831 AA888796 AI051065 AI075210 AA843898 H87971 AWD004862 AW085525 AL043807 AI435445 AA844005 AI079684 AF086538 W85969 AI631911 W95835 AA524504 AF088549 AA931946 AI052102 W94492 AF086565 AAD10135 AAD10136 AL109688 R23666 R26578 AV652707 AA693817 AV647943 N69453 N70232 N94146 R92830 AI359854 N76783 H73446 H74127 H40442 R97678 H82906 W01021 W03283 AA007527 T81163 N63789 T68818 AI769510 H73934 N63729 H40443 R93048 T95956 H63718 T95862 AV649374 H82907 R97679 T80868 AL360137 AA455730 AL139067 AW978717 AI741559 AI034231 AI679611 BE044415 AAB24642 AI350608 AI683265 AA598951 AW136488 AA854589 AI299060 W37504 N38890 AI970972 AI936400 R48273 R88518 AA847584 AI940762 AI940747 AA854024 AA869110 AW537417 AW979195 AA856979 AW999881 AA918129 AI732900 AI272847 AI278764 AI285200 AI339550 AA857118 AI263965 AI793156 AI952997 AW402306 AK001345 AI933653 AA465467 AW974459 AA081718 AA648460 AA927610 AA764878 AI636548 AA465468 AA449153 AA888477 AA356060 R14621 Z42414 H12254 AA663805 AI625728 H48597 H08479 AW080101 AW080074 AA322400 H62103 W94460 H80457 AA295083 AAD45989 AA322542 AW021802 AA040820 AA335467 AW952566 AI476789 AI744598 AI608724 AI271619 AI851091 AI884709 AI744663 AI978846 AI660134 AW800463 AA700728 BE220512 W94351 AA749238 AA970837 AW057695 AW571568 AAB31554 AW043767 AAD40157 AI810228 H48791 H81387 AAD46104 AI813379 AI026643 AW102687 AI095327 AI015840 AI277634 AA835199 AA640450 T17078 H12255 AI338417 AA854569 AAB86209 AI061248 BE242087 AI298338 AAB38341 AA643527 AI081232 AI915382 BE243602 AI915493 AW999552 H61198 Z38620 AIB68473 AI471191 AA868089 F02599 R49291 R46153 R13438 R21307 R40949 R45608 AA897461 AI376820 AIB09591 AW651854 AI829714 AW572368 AA852176 AI733011 AA85542 AI791407 AAB65818 AI732997 AA977633 AB002297 R21018 R24849 Z46003 R53332 R35190 AL118982 AA355887 Z43686 T78686 F11366 AA888981 AA412141 M78951 AA394269 R50850 R53937 AW303583 AI656559 AW589817 AI621051 AI933711 AIB25042 R44562 R39312 R46134 AI302700 N51360 AI651758 T17357 AI161203 Z38651 AI961153 N50920 AW090632 AI423054 AI167950 AA976204 AI360906 M79104 R39087 F09016 Z39744 T80400 AL040356 AW993434 T05544 H05049 AI129949 D60235 AW517611 Z40823 C15241 D81133 H23869 D60505 AAB72685 D79646 D62470 H23868 H23914 D61233 D60722 D61106 60930 R24595 NM_D07281 AJ224677 Z45077 F05970 AA448520 AA128221 AA399071 AA418665 AA444139 AA401420 AI586870 AA393569 AI379612 AIG68841 AI129258 AI685542 AI435359 AI005196 AI800688 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5	457128	28930_1	A1932995 BE064464 AW371902 AW371841 A1885885 BE064457 AA524113 AA721037 AA504343 AA778099 A1800598 A1693112 A1664633 A1690228 A1400990 AW969069 AW371927 AW371912 AW383562 BE151089 AW383568 BE218503 AW383570 AW371899 BE151097 AW371900 AW293095 AW292008 AA434179 AA714780 R45868 W01182 AW957767 AW119223 A1207864 W01578 AA354403 AA805177 A1613299 AW269636 AA481528 AW079101 AF131777 R60489 T81289 AA481594 BE181020 AA465433 AW808125 T84592 AA748191				
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	457187	298994_1	AA443927 AA444106				
	457225	30546_1	AW820035 T20260 T20259 AL049415 AA737756 W46965 W00799 AW340988 AW027417 AW263261 A1420674 AA814921 AA736509 N69991 AW368643 W47065 A1090172 A1924139 BE468071 AA375842 AA375767 AW628849 A1422731 AA494558 AA959233 A1142954 A1161089 A1167233 W94484 A1681576 AA249694 A1695943 AA832347 AA766221 AA937792 A1702870 AA455748 AW195100 A1638530 BE502479 A1383418 AA039630 C20777				
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	457620	371514_1	AA602711 BE078290				
15	457630	373784_1	A1680803 A1703329 AA609004 A1305245 A1457795 AW295787				
	457652	37972_1	AF116866 A1114583 AW836134 AW838525 AW885447 H83251 AW838349 AW838378 AW838175 H83252				
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	457900	434061_1	AW976692 AA806542 AA745856				
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	458023	463717_1	AW978161 AW978165 A1016838 A1539270 AW294958 AW511089 AA814849				
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	458057	46875_2	AA393603 Z19481 AA252342 A1807614 A1913804 AA040176 AA971879 H53368 AF085972 A1291424 H53349 AW015078 AW68307 AA127921 AA723700 AA040841 AA939354 AA213655 AA127972 AA913063 BE327712 A1017585 AA988186 AA628183 A1205930 AA833558 AA974107 A1004390 H48831 AA724004				
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	458797	76398_2	AW001835 AW812725 AW136670 AF798956 BE467368 AA280216 A1216754 BE822057 AL121193 AW853470 AW853450 AW368075 AW369108 AW579479 AW369108 AW361242 AW361190 N79183				
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	458817	764459_1	A1522129 T56008 R53849				
	458833	777506_1	AW236702 A1566105 Z40396				
	458881	798085_1	A1630223 A1630470				
	458890	812733_2	AW885523 AW865128 AW865467 AW885127 AW885468				
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	459023	86727_1	AW968226 A1139249 A1701692 AA017303 AW469622 AA258148 AA811690 AA807996 AA744260 AA824494 AA731710 T25332 AA258101 AA970687				
	459037	87417_1	AW439497 A1828059 AA018402 AA837392				
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	459124	916575_1	AW301478 AW301560 A1889207				
	459207	926704_1	AW138410 A1912712 N40186				
	459208	92717_1	BE261314 A1243408 AA027322				
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75	Table 30C						
80	<p> Pkey: Unique number corresponding to an Eos probe set  Ref: Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled "The DNA sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.  Strand: Indicates DNA strand from which exons were predicted.  Nt_position: Indicates nucleotide positions of predicted exons. </p> <table> <tr> <th>Pkey</th><th>Ref</th><th>Strand</th><th>Nt_position</th></tr> </table>			Pkey	Ref	Strand	Nt_position
Pkey	Ref	Strand	Nt_position				

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	400631	8247025	Minus	56203-56313,56424-56482,57073-57185,57513-57583,57747-57941
	400641	8117693	Plus	4786-4892
	400664	8118496	Plus	13558-13721,13942-14090,14554-14679
	400686	8118812	Minus	77737-77899
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	400706	7249204	Minus	78299-78686
	400816	8569693	Plus	161221-162078
	400842	1927148	Plus	90462-90673
	400859	9757499	Minus	91888-92018,98131-98294,99474-99570
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	400889	9958234	Minus	169782-170036
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	401200	9743387	Minus	111586-111806,114791-114916,115419-115583,116351-116446,116847-116907,122853-123057,124982-125407
	401240	3355450	Plus	77433-77636
	401324	9863791	Plus	234057-234174
	401366	9796180	Minus	118572-118672
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	401469	9212270	Minus	182001-183323
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	401645	7657839	Minus	34986-35133
	401673	7689903	Minus	122587-122706,122765-123047
35	401694	3540172	Minus	64058-64168
	401785	7249190	Minus	165776-165996,166189-166314,166408-166569,167112-167268,167387-167469,168634-168942
	401878	8099802	Minus	162268-162474,163089-163195
	401887	7229981	Plus	93973-94120
	401899	7230209	Minus	155620-155816
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	401989	4309984	Minus	118811-118821
	401991	4158128	Plus	2398-2513
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	402131	7704961	Minus	33114-33209,33486-33678
	402145	8018280	Plus	113086-114800
	402318	7582559	Minus	12843-13403
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	402341	7656696	Plus	22583-23699
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	403089	8954241	Plus	171964-172239
	403188	9838288	Minus	157618-157765
	403218	7630969	Plus	58039-58149
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65	403281	8072630	Minus	7521-7728
	403306	8099946	Plus	127100-127251
	403310	8139938	Minus	183883-184026
	403317	8318528	Minus	50623-50834
	403329	8516120	Plus	96450-96598
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	403344	8569726	Plus	70823-70990
	403356	8569930	Plus	92838-93036
	403513	7656757	Minus	155310-155436,158402-158535
	403515	7656757	Minus	173358-179553
75	403525	7960440	Plus	152431-153243
	403534	8076917	Minus	46652-47332
	403568	8101145	Minus	85508-85658
	403572	8101158	Minus	1253-1675
	403574	8101156	Plus	5542-6176
80	403623	8569879	Minus	3519-5426
	403625	8569879	Plus	6551-7111
	403637	8671936	Minus	142647-142771,145531-145762
	403678	7331517	Minus	119573-120430
	403691	7387384	Minus	88280-88463

	403776	7770611	Minus	1414-1513,1624-1756
	403780	8076989	Plus	93160-93409
	403786	8083635	Minus	73028-73217
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	403937	7711761	Minus	12609-12773
	404042	9558573	Plus	5140-5208,8633-8763
	404043	9558573	Plus	29042-29135,46597-46699
	404068	3168621	Minus	18123-18766
10	404108	8247074	Minus	63603-64942
	404165	7596822	Plus	86147-86509
	404193	3881948	Minus	94185-94322
	404196	3805917	Minus	67928-68109
	404249	8655533	Plus	64270-64633
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	404404	7272262	Plus	82112-82244
	404414	7382165	Plus	143127-143398
	404416	7382420	Minus	143042-143216,144704-144853,145800-146048
	404420	7407952	Minus	129817-130586
20	404443	7579073	Minus	87198-87441
	404453	7657714	Plus	27768-29179
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	404526	8152087	Plus	121918-122123,125198-125348
25	404531	8247909	Plus	20152-20362
	404561	9795980	Minus	69039-70100
	404589	7249189	Minus	104257-104348,104822-104970
	404582	9739220	Plus	63230-63424
	404587	8598840	Minus	69781-70096
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	404593	9944086	Minus	74922-75788
	404595	8958262	Minus	16764-16900
	404638	9786751	Minus	99433-99528,100035-100161
	404652	9796959	Minus	108172-108296
35	404694	9799957	Minus	128092-128227
	404708	9800828	Plus	77522-77658
	404731	7230299	Minus	168609-168781,162951-163081
	404767	7882627	Minus	23244-23759
	404793	7232206	Minus	61087-61590
40	404822	3810614	Plus	7541-8132
	404834	6911603	Minus	37948-38226
	404957	7407927	Plus	147512-148011
	404967	7523744	Minus	89844-90729
	404988	4562677	Minus	72406-72600,72779-72856
45	405001	6015406	Minus	104646-104819
	405008	6088019	Minus	64091-64267
	405090	8072625	Minus	38552-39202
	405120	8099940	Plus	140176-140340
	405229	7249019	Plus	51081-51701
50	405230	7249032	Minus	97493-97682
	405302	2078453	Minus	121688-121840
	405347	2979602	Minus	977-1116
	405443	7408143	Plus	90716-90887,101420-101577
	405455	7656676	Plus	134112-134671
55	405456	7656676	Plus	150052-150208
	405494	8050952	Minus	70284-70518
	405521	9454643	Plus	65086-65247,77508-77637,81242-81364,84246-84395
	405523	9454643	Plus	114550-114688,117265-117407,119490-119599,123237-123395,131140-131217
	405605	6836195	Minus	117070-117270
	405608	5815499	Minus	66822-66925
60	405634	5306288	Plus	17858-17957,18302-18412,18837-18927,22790-22969
	405654	4895155	Minus	53624-53759
	405692	4314424	Plus	61379-62562
	405738	9943998	Plus	44370-45410
	405747	8469069	Minus	153933-154060
65	405780	7248203	Minus	48204-48371
	405783	5738434	Minus	27238-27885
	405784	7417368	Minus	77798-78000
	405829	7109583	Minus	15628-16127
	405920	8758795	Plus	120821-120971
70	405935	6758795	Minus	163112-163652
	405970	8247789	Minus	45795-46295
	406005	8247801	Minus	39912-40220
	406018	6758904	Minus	37785-38168
	406076	9123123	Plus	89972-90319
75	406092	9123919	Plus	251370-251797,252168-252882
	406190	7289992	Minus	22395-22901
	406288	7549620	Plus	111718-112008
	406298	5686278	Minus	30084-30770
	406333	9213235	Plus	64689-64798
80	406364	9255114	Minus	50715-50833
	406378	9255142	Minus	126408-126800
	406413	9258407	Plus	43858-44003,46993-47136
	406468	9795553	Plus	4373-4616,8870-9048,11366-11509,11625-11880



406603 8272659 Minus 39506-39694

## 5 TABLE 31A: ABOUT 1884 GENES UP-REGULATED IN IPF COMPARED TO NSIP

Table 31A lists about 1884 genes whose expression levels are up regulated in idiopathic pulmonary fibrosis (IPF) samples as compared with non-specific interstitial pneumonia (NSIP) samples. These were selected from about 59680 probesets on an Affymetrix/Eos Hu03 GeneChip array such that the ratio of "average" idiopathic pulmonary fibrosis sample expression level to "average" non-specific interstitial pneumonia sample expression was greater than or equal to about 2.0. The "average" idiopathic pulmonary fibrosis level was set to the 90th percentile amongst idiopathic pulmonary fibrosis samples. The "average" non-specific interstitial pneumonia level was set to the 90th percentile amongst non-specific interstitial pneumonia samples.

15 Pkey: Unique Eos probeset identifier number  
 ExAccn: Exemplar Accession number, Genbank accession number  
 UnigeneID: Unigene number  
 Unigene Title: Unigene gene title  
 R1: Ratio of IPF (idiopathic pulmonary fibrosis) to NSIP (non-specific interstitial pneumonia)

20	Pkey	ExAccn	Unigene ID	Unigene Title	R1
	450478	AW451709	Hs.271200	ESTs	20.2
	405654				16.1
	432365	AK001106	Hs.274419	hypothetical protein FLJ10244	11.9
	403837				11.2
25	431548	AI834273	Hs.9711	novel protein	10.8
	407811	AW190902	Hs.40098	cysteine knot superfamily 1, BMP antagonist	10.4
	439606	W79123	Hs.58561	G protein-coupled receptor 67	10.3
	403574				10.1
	416653	AA768553	Hs.74170	metallothionein 1E (functional)	9.3
30	441233	AA972965	Hs.135568	ESTs	9.1
	415817	U88967	Hs.78867	protein tyrosine phosphatase, receptor-1	8.8
	409632	W74001	Hs.55279	serine (or cysteine) proteinase inhibitor	8.4
	432437	W07088	Hs.293685	ESTs	8.3
	407266	AJ235864		gb:homo sapiens mRNA for immunoglobulin	8.2
35	423017	AW178761	Hs.227948	serine (or cysteine) proteinase inhibitor	8.1
	403329				8.0
	428529	BE501732	Hs.30622	Homo sapiens cDNA FLJ13010 fis, clone NT	8.0
	441519	AA972740	Hs.127092	ESTs	7.9
	453823	AL137967		gb:DKFZp761D2315_r1 781 (synonym: hamy2)	7.8
40	406690	M29540	Hs.220529	carcinoma embryonic antigen-related cell ad	7.7
	416379	N38857	Hs.203933	ESTs	7.7
	428862	NM_000346	Hs.2316	SRY (sex determining region Y)-box 9 (ca	7.5
	407305	AA715284		gb:ncw35803.r1 NCI_CGAP_Br5 Homo sapiens	7.2
	434683	AW298724	Hs.202839	ESTs	7.2
45	441802	AA968538	Hs.127877	ESTs	6.9
	431242	AA987742	Hs.251278	KIAA1201 protein	6.9
	442377	AA993807	Hs.167387	ESTs	6.9
	420407	AA814732	Hs.145010	lipopolysaccharide-specific response 5-li	6.8
	428908	AW303529	Hs.144955	ESTs	6.8
50	445898	AF070623	Hs.13423	Homo sapiens clone 24468 mRNA sequence	6.7
	457673	AA551569	Hs.272034	hypothetical protein PR02822	6.7
	458771	AW295151	Hs.163612	ESTs	6.6
	428800	AA385065		gb:EST98958 Thyroid Homo sapiens cDNA 5'	6.6
	440504	AJ948966	Hs.130017	ESTs, Weakly similar to JN0908 H+-transp	6.6
55	415025	AW207091	Hs.72307	ESTs	6.5
	438557	AW364104	Hs.143509	hypothetical protein FLJ21924	6.5
	416128	AA173632	Hs.22116	CDG14 (cell division cycle 14, S. cerevi	6.4
	457242	AA457011		gb:aa80c11.r1 Stratagene fetal retina 93	6.3
	423629	AW021173	Hs.18812	Homo sapiens cDNA: FLJ21909 fis, clone H	6.3
60	404793				6.2
	435563	AF210317	Hs.95497	solute carrier family 2 (facilitated glu	6.2
	415672	N53097	Hs.193578	ESTs	6.2
	455488	AA102322		gb:z190f03.r1 Stratagene colon (937204)	6.2
65	426230	AA357019	Hs.241395	protease, serine, 1 (trypsin 1)	6.1
	412282	BE180188		gb:QV1-HT0413-010200-059-g05 HT0413 Homo	6.1
	431622	AW979271	Hs.293184	ESTs	6.1
	405523				6.0
	424683	BE169810	Hs.47557	ESTs	6.0
	436397	AA715013	Hs.169835	ESTs	6.0
70	458476	AA256753		gb:z22b12.r1 NCI_CGAP_GCB1 Homo sapiens	5.9
	434784	AA649051	Hs.164007	ESTs	5.9
	422977	AA631498		gb:np83h04.s1 NCI_CGAP_Thy1 Homo sapiens	5.9
	442849	R10099	Hs.269805	ESTs	5.9
	451519	AJ800800	Hs.209573	ESTs	5.8
75	412474	AJ781451		gb:ni50c09.y5 NCI_CGAP_Ov2 Homo sapiens	5.8
	457081	AA916786	Hs.180610	splicing factor proline/arginine rich (	5.8
	444827	R09764	Hs.20418	ESTs	5.8
	404822				5.7
	402430				5.7
80	457900	AW976692	Hs.291665	ESTs	5.7
	400292	AA250737	Hs.72472	ESTs	5.7
	410934	AW811114		gb:MF2-ST0131-111199-016-a04 ST0131 Homo	5.7
	440172	AA686584	Hs.126154	ESTs	5.7

5	431374	BE258532	Hs.251871	CTP synthase	5.7
	409816	AW500954		gb:U1-HF-BP0p-air-h-12-0-ULr1 NIH_MGC_5	5.6
	447613	AL041057	Hs.33363	DKFZP434N093 protein	5.6
	417919	AI928203	Hs.86379	ESTs	5.6
	425259	AL049280	Hs.155397	Homo sapiens mRNA; cDNA DKFZp564K143 (fr	5.6
10	439063	AF085922	Hs.113968	ESTs	5.6
	406053				5.5
	431211	M86849	Hs.323733	gap junction protein, beta 2, 26kD (conn	5.5
	451830	H18433	Hs.21542	KIAA1035 protein	5.5
	416035	H42314		gb:yo09e02.s1 Soares adult brain N2b5HB5	5.5
15	413849	BE173561	Hs.15384	AP1 gamma subunit binding protein 1	5.5
	459458	AW270957	Hs.254577	ESTs, Weakly similar to B34087 hypotheti	5.5
	416154	Z46122		gb:HSC0VB031 normalized infant brain cDN	5.5
	404561				5.4
	428895	AA437124	Hs.187247	ESTs	5.4
20	419247	S65791	Hs.89764	fragile X mental retardation 1	5.4
	455601	AI368680	Hs.816	SRY (sex determining region Y)-box 2	5.4
	440825	AW511090	Hs.130419	ESTs	5.4
	419249	X14787	Hs.89768	gamma-aminobutyric acid (GABA) A recepto	5.4
	448477	BE512572		gb:601452090F1 NIH_MGC_66 Homo sapiens c	5.4
25	454039	AW079064	Hs.245540	ESTs	6.3
	459564				5.3
	401497				5.3
	408493	BE206854	Hs.46039	phosphoglycerate mutase 2 (muscle)	5.3
	444931	AV652066	Hs.75113	general transcription factor IIIA	5.3
30	456680	AL137758	Hs.116072	Homo sapiens mRNA; cDNA DKFZp434H245 (fr	5.3
	452542	AW812256		gb:RC0-ST0174-191099-031-s07 ST0174 Homo	5.2
	411402	BE207855	Hs.69855	NRAS-related gene	5.2
	404957				5.2
	438445	AA922213	Hs.121735	ESTs	5.2
35	442617	AW340093	Hs.130538	ESTs	5.2
	416045	H15960	Hs.31403	ESTs	5.2
	425178	H16097	Hs.161027	ESTs	5.2
	441918	AI733373	Hs.128119	ESTs	5.2
	455464	AW983901		gb:RC1-HN0003-220300-011-f10 HN0003 Homo	5.2
40	420929	AI694143	Hs.296251	programmed cell death 4	5.2
	448844	AI581519	Hs.177164	ESTs	5.2
	430686	NM_001942	Hs.2653	desmoglein 1	5.2
	405229				5.1
	417641	AA205015	Hs.54617	hypothetical protein FLJ20060	5.1
45	434167	AA626334	Hs.116153	ESTs	5.1
	450438	AI696071	Hs.253800	ESTs	5.1
	456394	W28506		gb:48R1 Human retina cDNA randomly prime	5.0
	455747	BE074910		gb:RC5-BT0580-170300-021-F12 BT0580 Homo	5.0
	417420	T85150	Hs.268814	ESTs	5.0
50	409545	BE296182	Hs.19002	hypothetical protein MGC4675	5.0
	426750	AA383950		gb:EST97403 Thymus II Homo sapiens cDNA	5.0
	440615	AI733055	Hs.130606	ESTs	5.0
	408959	AW890878	Hs.211610	CUG triplet repeat, RNA-binding protein	4.9
	454482	BE147919		gb:RC3-HT0230-180200-018-a08 HT0230 Homo	4.9
55	436508	AW804381	Hs.121121	ESTs, Weakly similar to S00755 pleckstr	4.9
	452046	AB018345	Hs.27657	KIAA0802 protein	4.9
	407415	AF073328		gb:Homo sapiens tetracycline transporter-	4.9
	450090	AW448940	Hs.202259	ESTs	4.9
	406333				4.9
60	434188	AI765848	Hs.281680	peroxisomal trans 2-enoyl CoA reductase;	4.8
	403344				4.8
	448468	H38026	Hs.308	arrestin 3, retinal (X-arrestin)	4.8
	405455				4.8
	411387	AW842339	Hs.130815	hypothetical protein FLJ21870	4.8
65	426097	BE327369	Hs.112238	ESTs	4.8
	427768	T78402	Hs.174880	ESTs	4.8
	411018	AW813428		gb:MR3-ST0192-010200-210-c05 ST0192 Homo	4.8
	415257	F03016	Hs.27513	ESTs	4.8
	441107	AA917075	Hs.190520	ESTs	4.8
70	419519	AI198719	Hs.176376	ESTs	4.8
	410801	AW810001		gb:MR4-ST0124-270300-005-b11 ST0124 Homo	4.8
	426217	AW131888	Hs.172792	ESTs, Weakly similar to hypothetical pro	4.8
	424188	AW954552	Hs.142834	zinc finger protein	4.8
	456987	AI557280	Hs.173536	ESTs	4.8
75	405303				4.8
	414955	C15506		gb:C15506 Clontech human aorta polyA+ mR	4.8
	451620	AW449888	Hs.257224	ESTs	4.7
	421948	L42583	Hs.334309	keratin 6A	4.7
	424780	U39676	Hs.153058	butyrophilin, subfamily 1, member A1	4.7
80	443271	BE588568	Hs.195704	ESTs	4.7
	417181	L10123	Hs.1071	surfactant protein A binding protein	4.7
	402230				4.7
	422246	AA481032	Hs.5306	hypothetical protein DKFZp586F1122 simil	4.7
	431508	NM_012481	Hs.182979	ribosomal protein L12	4.7
	415236	R41400		gb:y94b12.s1 Soares infant brain 1NIB H	4.7
	413101	BE065215		gb:RC1-BT0314-310300-015-f01 BT0314 Homo	4.6
	444774	AW052174	Hs.196030	ESTs	4.6

5	444414	AW293214	Hs.8752	transmembrane protein 4	4.6
	431291	N25621	Hs.25275	Kruppel-type zinc finger protein	4.6
	436853	BE328074	Hs.148661	ESTs	4.6
	445334	AI610081	Hs.9475	glucose transporter protein 10	4.6
	408172	W02488	Hs.46039	phosphoglycerate mutase 2 (muscle)	4.6
10	426985	BE394849	Hs.131905	ESTs, Moderately similar to Z195_HUMAN 2	4.6
	404638				4.6
	447617	AI400762	Hs.176675	ESTs	4.6
	422182	AL043892	Hs.180582	Homo sapiens cDNA: FLJ21836 fis, clone H	4.6
	442360	AI374621	Hs.29055	ESTs	4.6
15	411738	AW859353		gb:MR1-CT0353-150300-102-a12 CT0353 Homo	4.5
	444157	AI125785	Hs.153351	ESTs	4.5
	401365				4.5
	459592	AI037421	Hs.208746	ESTs, Moderately similar to pot. ORF 11	4.5
	436269	AA707472	Hs.190760	ESTs	4.5
20	459448	AA416773	Hs.275012	EST	4.5
	452090	AA022684	Hs.124673	Homo sapiens cDNA FLJ11477 fis, clone HE	4.5
	414899	AW975433	Hs.36288	ESTs	4.5
	443764	F23283		gb:HSPD22980 HM3 Homo sapiens cDNA clone	4.5
	444898	AI201548	Hs.308338	ESTs	4.5
25	417428	N87579		gb:LL2030F Human fetal heart, Lambda ZAP	4.5
	428528	AI004034	Hs.98638	ESTs	4.5
	405605				4.5
	457982	AW856093	Hs.183617	ESTs	4.5
	427731	AA411750	Hs.20943	ESTs	4.4
30	420691	AA829433	Hs.275343	ESTs	4.4
	429927	NM_001115	Hs.2522	adenylate cyclase 8 (brain)	4.4
	453090	AI423056	Hs.23921	hypothetical protein DKFZp547A023	4.4
	412147	AW895984		gb:QV4-NN0039-040500-197-e08 NN0039 Homo	4.4
	435747	AI079519	Hs.134398	ESTs	4.4
35	453824	AI138012	Hs.183840	ESTs, Moderately similar to ALU7_HUMAN A	4.4
	458865	T05095	Hs.19597	KIAA1694 protein	4.4
	459037	AW439497	Hs.290658	EST	4.4
	403310				4.4
	425576	U65652	Hs.158313	chromosome 17 open reading frame 1A	4.4
40	427500	AW970017	Hs.283948	ESTs, Weakly similar to S65857 alpha-1C-	4.4
	432020	AI261509	Hs.272345	phospholipase 11A	4.4
	453043	AW138440	Hs.224277	ESTs	4.4
	456293	AW131715	Hs.311561	ESTs, Weakly similar to CYA7_HUMAN ADENY	4.4
	447879	BE503405	Hs.170437	ESTs, Weakly similar to PRP4_HUMAN SALIV	4.4
45	428648	AA382787	Hs.122713	ESTs	4.4
	454864	AW835775		gb:QV4-LT0016-240200-110-d04 LT0016 Homo	4.4
	404898				4.4
	434434	AA680887	Hs.187850	ESTs	4.4
	443314	AW771701	Hs.54646	ESTs	4.3
50	408000	L11690	Hs.620	bullous pemphigoid antigen 1 (230/240kD)	4.3
	441700	AA233556	Hs.126908	hypothetical protein FLJ12994	4.3
	455000	AW850283	Hs.324429	Homo sapiens cDNA FLJ14015 fis, clone HE	4.3
	404767				4.3
	445189	AI936450	Hs.147482	ESTs	4.3
55	452393	H87398	Hs.99858	ribosomal protein L7a	4.3
	428740	AA433838		gb:zw53a12.r1 Soares_fetal_tetus_Nb2HF8_	4.3
	426830	AA385751	Hs.196379	ESTs, Weakly similar to putative p150 [H	4.3
	410615	AW772721		gb:h9Sc01.x1 NCL_CGAP_Thy8 Homo sapiens	4.3
	446619	AU076643	Hs.313	secreted phosphoprotein 1 (osteopontin,	4.3
60	408073				4.3
	405692				4.3
	436033	H75391	Hs.255748	ESTs	4.3
	410733	D84284	Hs.86052	CD38 antigen (p45)	4.3
	455587	BE007829		gb:QV0-BN0147-280400-213-d03 BN0147 Homo	4.3
65	459084	H01699	Hs.27289	CGI-125 protein	4.3
	401189				4.3
	435451	AF195420	Hs.303006	ESTs, Weakly similar to gamma-terequin	4.3
	456407	AW968614		gb:EST380690 MAGE resequences, MAGJ Homo	4.3
	425733	F13287	Hs.159388	Homo sapiens clone 23578 mRNA sequence	4.3
70	447863	AL047611	Hs.288885	Homo sapiens cDNA FLJ14246 fis, clone QV	4.3
	436659	AI217900	Hs.144464	ESTs	4.3
	435463	AA682507		gb:zj18f08.s1 Soares_fetal_liver_spleen_	4.3
	455675	BE055984		gb:RC3-ST0318-120200-014-a06 BT0318 Homo	4.3
	439481	AF086294	Hs.125844	ESTs	4.3
75	405287				4.3
	405784				4.3
	436461	AW511956	Hs.293261	ESTs	4.3
	437636	AA764781	Hs.291844	ESTs	4.2
	409629	AW449589	Hs.279724	ESTs	4.2
80	412999	BE046255		gb:h38g10.x2 NCL_CGAP_RDF2 Homo sapiens	4.2
	403281				4.2
	427531	AA405097	Hs.97957	ESTs	4.2
	451882	AI821324	Hs.100445	ESTs	4.2
	418356	AA362858		gb:EST72900 Ovary II Homo sapiens cDNA 5	4.2
	405494				4.2
	456027	BE327387	Hs.13913	KIAA1577 protein	4.2
	414539	BE379046		gb:601236646F1 NIH_MGC_44 Homo sapiens c	4.2

5	421106	AA877124	Hs.172844	ESTs	4.2
	409076	N57559	Hs.82273	hypothetical protein	4.2
	419583	AA526235	Hs.193162	Homo sapiens cDNA FLJ11983 fls, clone HE	4.2
	411688	AW953440		gb:EST365510 MAGE resequences, MAGB Homo	4.1
	416614	T83391	Hs.111849	ESTs	4.1
10	454434	AA083558	Hs.261286	ESTs	4.1
	404526	AI912555	Hs.157195	peptide YY, 2 (seminalplasmin)	4.1
	446393	AW014174	Hs.301956	zinc finger protein	4.1
	405302				4.1
	432669	AL043482	Hs.267115	ESTs	4.1
15	416972	BE019670		gb:bb28c01.x1 NIH_MGC_5 Homo sapiens cDN	4.1
	423841	AW753957		gb:RC2-CT0304-080100-011-h12 CT0304 Homo	4.1
	427099	AB032953	Hs.173560	odd Oz/ten-m homolog 2 (Drosophila, mous	4.1
	430484	D82880	Hs.241548	RAS p21 protein activator 2	4.1
	403895				4.1
20	420457	AA482280	Hs.191656	ESTs	4.1
	436993	AA828995		gb:cd77b08.s1 NCL_CGAP_Ov2 Homo sapiens	4.1
	458421	AI279978	Hs.22547	ESTs	4.1
	458722	AA741545	Hs.282832	ESTs, Weakly similar to T24961 hypotheti	4.1
	411382	BE067246		gb:PM1-BT0348-151299-001-d04 BT0348 Homo	4.1
25	422373	AK001843	Hs.115700	Homo sapiens cDNA: FLJ23515 fls, clone L	4.1
	430749	AJ242956	Hs.25960	v-myc avian myelocytomatosis viral relat	4.1
	403625				4.1
	401887				4.1
	403667				4.1
30	452744	AI267652	Hs.30504	Homo sapiens mRNA; cDNA DKFZp434E082 (fr	4.0
	421065	AA329711		gb:EST33382 Embryo, 12 week II Homo sapi	4.0
	439294	AW976328	Hs.6523	chromosome 1 open reading frame 12	4.0
	432792	AA448114	Hs.278950	protocadherin beta 1	4.0
	405443				4.0
35	431169	AW971240		gb:EST383329 MAGE resequences, MAGL Homo	4.0
	431822	AA516049		gb:ng65d01.s1 NCL_CGAP_Ltp2 Homo sapiens	4.0
	432328	AI572739	Hs.195471	6-phosphofructo-2-kinase/fructose-2,6-bi	4.0
	448324	AI571356	Hs.34174	ESTs, Moderately similar to ALU8_HUMAN A	4.0
	456538	AW135986	Hs.257859	ESTs	4.0
40	415811	AA450191	Hs.172963	hypothetical protein FLJ14624	4.0
	411745	AW887826		gb:MR0-SN0039-300300-001-c02 SN0039 Homo	4.0
	438660	U95740	Hs.6349	Homo sapiens, clone IMAGE:3010666, mRNA,	4.0
	449327	AI638743	Hs.224672	ESTs	4.0
	426062	N57014	Hs.75874	pregnancy-associated plasma protein A	4.0
45	433485	AM93076	Hs.201987	aldo-keto reductase family 1, member C2	4.0
	434849	AW292765	Hs.8053	ESTs	4.0
	400268				4.0
	422728	AW937826	Hs.103262	ESTs, Weakly similar to ZN91_HUMAN ZINC	4.0
	445414	AV653692	Hs.146106	ESTs	4.0
50	408470				3.9
	429809	AL162010	Hs.223603	Homo sapiens mRNA; cDNA DKFZp761D09121 (	3.9
	453098	Z25935	Hs.86379	ESTs	3.9
	402867				3.9
	431071	AA491379		gb:aa65f05.x1 NCL_CGAP_GCB1 Homo sapiens	3.9
55	436298	AW293496	Hs.180138	ESTs	3.9
	440358	AI933184	Hs.127922	ESTs, Moderately similar to S65657 alpha	3.9
	419091	T85332	Hs.178294	ESTs	3.9
	422591	L07648	Hs.118630	MAX-interacting protein 1	3.9
	426076	AW562714		gb:EST374787 MAGE resequences, MAGG Homo	3.9
60	443682	AI383061	Hs.47248	ESTs, Highly similar to similar to Cdc14	3.9
	444461	R53734	Hs.25978	ESTs, Weakly similar to 2109260A B cell	3.9
	430072	X13294	Hs.300592	v-myb avian myeloblastosis viral oncogen	3.9
	413499	BE144884		gb:CMO-HT0182-041099-065-e11 HT0182 Homo	3.9
	439818	AL360137	Hs.19934	Homo sapiens mRNA full length insert cDN	3.9
65	443323	BE566621	Hs.9222	estrogen receptor binding site associate	3.9
	424029	AB014684	Hs.137579	KIAA0694 gene product	3.9
	455993	BE179085		gb:RC0-HT0613-140300-021-d06 HT0613 Homo	3.9
	420111	AA265652		gb:za21h11.r1 NCL_CGAP_GCB1 Homo sapiens	3.9
	403956	W28077	Hs.79389	nei (chicken)-like 2	3.9
70	410318	AA084050	Hs.269259	ESTs, Weakly similar to S23650 retrovru	3.9
	426497	AA379913		gb:EST92807 Skin tumor I Homo sapiens cD	3.9
	430140	AW298771	Hs.221999	ESTs	3.8
	457042	AI382130	Hs.97703	ESTs	3.8
	450236	AW162998	Hs.24684	KIAA1376 protein	3.8
75	417706	T90787	Hs.268623	ESTs	3.8
	426692	AI372822	Hs.110103	RNA polymerase I transcription factor RR	3.8
	413071	BE064032		gb:QV3-BT0296-010300-111-b08 BT0296 Homo	3.8
	437354	AA749215	Hs.291886	ESTs	3.8
	403381				3.8
80	425798	AA384002		gb:EST74529 Pineal gland II Homo sapiens	3.8
	459429	AA278779	Hs.335956	EST	3.8
	426366	AA376667	Hs.10263	RNA binding motif protein 8B	3.8
	430757	AI458623		gb:Id04g09.x1 NCL_CGAP_Lu24 Homo sapiens	3.8
	430205	AB025904	Hs.235168	carbonic anhydrase XIV	3.8
	433887	AW204232	Hs.279522	ESTs	3.8
	444743	AA045648	Hs.301957	nudix (nucleoside diphosphate linked moi	3.8
	404043				3.8

	431333	AA708488	Hs.120127	Homo sapiens cDNA: FLJ22769 fls, clone K	3.8
	451073	A1758905	Hs.206063	ESTs	3.8
	417663	R07483	Hs.180461	ESTs	3.8
5	432363	AA534489		gb:nf76g11.s1 NCLCGAP_Co3 Homo sapiens	3.8
	436975	AA740723	Hs.212644	ESTs	3.8
	405959				3.8
	400631	AF173937	Hs.109494	secreted protein of unknown function	3.7
	425937	NM_013240	Hs.163846	putative N6-DNA-methyltransferase	3.7
10	448158	A1277603	Hs.145990	ESTs, Weakly similar to I38022 hypotheti	3.7
	450375	AA009847	Hs.8850	a disintegrin and metalloproteinase doma	3.7
	416548	H62953		gb:yr47f06.r1 Soares fetal liver spleen	3.7
	436020	AA776177	Hs.121724	ESTs	3.7
	424989	AA986520	Hs.23575	ESTs	3.7
15	426447	AV656843	Hs.169919	electron-transfer-flavoprotein, alpha po	3.7
	441416	A1990139	Hs.148609	ESTs	3.7
	456443	AW967500	Hs.133543	ESTs	3.7
	402112	R58624	Hs.2186	eukaryotic translation elongation factor	3.7
	404453				3.7
20	451421	W16522	Hs.237689	Homo sapiens cDNA FLJ13539 fls, clone PL	3.7
	421037	A1684808	Hs.197653	ESTs	3.7
	427088	AA398085	Hs.142390	ESTs	3.7
	453375	A1990114	Hs.240091	ESTs	3.7
	453530	AW021633		gb:df26c02.y1 Morton Fetal Cochlea Homo	3.7
25	406964	M21305		gb:Human alpha satellite and satellite 3	3.7
	432291	AK001108	Hs.274274	hypothetical protein FLJ10246	3.7
	449823	C00719	Hs.120440	EST	3.7
	419691	W03286	Hs.193521	ESTs	3.7
	437587	A1591222	Hs.72325	Human DNA sequence from clone RP1-187J11	3.7
30	403271				3.7
	453123	A1953710	Hs.221649	ESTs	3.7
	400462				3.7
	449804	A1535663	Hs.39379	ESTs	3.7
	443305	A1050693	Hs.133318	ESTs	3.7
35	411186	AW821257		gb:PM3-ST0307-231299-001-b11 ST0307 Homo	3.6
	424555	AW102723	Hs.75295	guanylate cyclase 1, soluble, alpha 3	3.6
	432189	AA527941		gb:nf30c04.s1 NCLCGAP_Pt3 Homo sapiens	3.6
	403296				3.6
	417918	AA209205	Hs.163754	hypothetical protein FLJ12606	3.6
40	436026	A1349764	Hs.217081	ESTs	3.6
	429864	AA460039	Hs.285	ribosomal protein L4	3.6
	418592	X99226	Hs.284153	Fanconi anemia, complementation group A	3.6
	442910	A1365130	Hs.11307	ESTs, Weakly similar to T19326 hypotheti	3.6
	446304	AW104432	Hs.149761	ESTs	3.6
45	441216	BE299830	Hs.192908	ESTs	3.6
	421494	A1763322	Hs.152104	ESTs	3.6
	404476				3.6
	416327	R99822	Hs.36172	ESTs	3.6
	414145	BE549972	Hs.317596	Homo sapiens cDNA FLJ12927 fls, clone NT	3.6
50	417401	AA426026	Hs.187615	ESTs	3.6
	401200				3.6
	411560	AW851186	Hs.179909	hypothetical protein FLJ22895	3.6
	426306	AA447310	Hs.164059	Homo sapiens cDNA FLJ13338 fls, clone OV	3.6
	437918	A1761449	Hs.121629	ESTs	3.6
55	447917	AL048037	Hs.164588	ESTs, Moderately similar to neuronal thr	3.6
	421328	BE466506	Hs.3981	ESTs	3.6
	447290	A1475732	Hs.263912	ESTs	3.6
	417229	AA975096	Hs.19522	hypothetical protein PRO2849	3.6
	425403	AL023753	Hs.156406	Human DNA sequence from clone 1198H6 on	3.6
60	403515				3.6
	419917	AA320068	Hs.93701	Homo sapiens mRNA: cDNA DKFZp434E232 (fr	3.6
	435554	AF208502	Hs.185708	early B-cell factor	3.6
	420481	U50525	Hs.98201	Human BRCA2 region, mRNA sequence CG029	3.6
	410500	R09442		gb:yl26c09.r1 Soares fetal liver spleen	3.6
65	439326	W07140	Hs.64721	ESTs	3.6
	426296	R14454	Hs.5921	Homo sapiens cDNA: FLJ21592 fls, clone C	3.6
	411311	AW836491		gb:PM3-LT0032-281299-002-02 LT0032 Homo	3.6
	418019	R68911	Hs.176275	ESTs	3.6
	417490	AA203336		gb:zx56g02.r1 Soares_fetal_liver_spleen_	3.6
70	423035	AW449679	Hs.156739	H.sapiens XG mRNA (clone PEP17)	3.6
	416575	W02414	Hs.38383	ESTs	3.5
	414400	X06948	Hs.897	Fc fragment of IgE, high affinity I, rec	3.5
	418405	A1869282	Hs.11898	ESTs, Highly similar to KIAA1370 protein	3.5
	450350	T97817	Hs.174880	ESTs	3.5
75	451704	A1755209	Hs.205616	ESTs, Weakly similar to ALU1_HUMAN ALU S	3.5
	421013	M62397	Hs.1345	mutated in colorectal cancers	3.5
	407404	AF040257		gb:Homo sapiens TNF receptor homolog mRN	3.5
	423121	AW864848		gb:PM2-SN0018-290300-003-c09 SN0018 Homo	3.5
	430533	AA480895	Hs.201552	ESTs, Weakly similar to T17289 hypotheti	3.5
80	457141	AA521410	Hs.41371	ESTs	3.5
	411772	BE170301		gb:QV4-HT0536-040500-193-05 HT0536 Homo	3.5
	440737	A1375167	Hs.132221	hypothetical protein FLJ12401	3.5
	452728	A1915676	Hs.239708	ESTs	3.5
	423266	AA323875	Hs.193574	ESTs	3.5

5	413543	AA130228	Hs.324611	ESTs, Moderately similar to ALU8_HUMAN A	3.5
	454447	BE163667		gb:QV3-HT0460-230200-101-b08 HT0460 Homo	3.5
	458067	AA393603	Hs.36752	protein kinase anchoring protein GKAP42	3.5
	437608	AA761605	Hs.292308	ESTs, Weakly similar to ALU1_HUMAN ALU S	3.5
	415549	F11942		gb:HSC33F061 normalized infant brain cDN	3.5
10	420910	AL049437	Hs.100292	Homo sapiens mRNA; cDNA DKF2p586E1120 (f	3.5
	435793	AB037734	Hs.4893	KIAA1313 protein	3.5
	453211	W84829		gb:zh53f04.r1 Soares_fetal_liver_spleen_	3.5
	418717	AI334430	Hs.86984	ESTs	3.5
	400641				3.5
15	442973	BE587665	Hs.288550	Homo sapiens cDNA: FLJ23156 fis, clone L	3.5
	418007	M13509	Hs.83169	matrix metalloproteinase 1 (Interstitial	3.5
	440364	AA910460	Hs.128626	ESTs	3.5
	458340	AI457102	Hs.6986	Human glucose transporter pseudogene	3.5
	412281	AI810054	Hs.14119	ESTs	3.5
20	443204	AW205878	Hs.29643	Homo sapiens cDNA FLJ13103 fis, clone NT	3.5
	416616	H68270		gb:yr81h09.r1 Soares fetal liver spleen	3.5
	444338	AI937026	Hs.146642	ESTs	3.4
	436946	AW137748	Hs.125956	ESTs	3.4
	431632	AK000992	Hs.333144	Homo sapiens cDNA FLJ10130 fis, clone HE	3.4
25	403306	NM_006825	Hs.74368	transmembrane protein (53kD), endoplasmic	3.4
	422093	AF151852	Hs.111449	CGI-94 protein	3.4
	428818	AA004986	Hs.193852	ATP-binding cassette, sub-family C (CFTR	3.4
	442137	AA977235	Hs.128830	ESTs, Weakly similar to Z192_HUMAN ZINC	3.4
	406970				3.4
30	409434	AF278761	Hs.131581	Homo sapiens testis transcript Y 7 (TTY7	3.4
	416100	H18700	Hs.288799	ESTs	3.4
	431418	X68242	Hs.252722	Hln-1	3.4
	431954	AK001974	Hs.272242	hypothetical protein FLJ11112	3.4
	440388	AI693520	Hs.223000	ESTs	3.4
35	421072	AI215069	Hs.89113	ESTs	3.4
	424578	AK001973	Hs.150890	hypothetical protein	3.4
	436331	AI239495	Hs.120189	ESTs	3.4
	444063	AI122614		gb:qa66b05.x1 Soares_fetal_heart_NbH119W	3.4
	444453	AW379394	Hs.145126	ESTs	3.4
40	404196				3.4
	421262	AA286746	Hs.9343	Homo sapiens cDNA FLJ14265 fis, clone PL	3.4
	409555	AW410788	Hs.256185	ESTs	3.4
	417689	T98988		gb:ye68g01.r1 Soares fetal liver spleen	3.4
	416057	AI927382	Hs.29857	ESTs	3.4
45	425206	NM_002153	Hs.155109	hydroxysteroid (17-beta) dehydrogenase 2	3.4
	447738	AI871000	Hs.181330	ESTs	3.4
	430664	AW969834	Hs.303303	ESTs	3.4
	411377	AW841462		gb:RC6-CN0014-080300-012-B09 CN0014 Homo	3.4
	415769	H94186	Hs.5912	F-box only protein 7	3.4
50	429382	AI791249	Hs.278054	ESTs, Weakly similar to I38022 hypotheti	3.4
	431474	AL133990	Hs.190642	ESTs	3.4
	456908	AI953671	Hs.220994	hypothetical protein FLJ14128	3.4
	442826	AI018777	Hs.131241	ESTs	3.4
	400608				3.4
55	436111	AI803082	Hs.157212	ESTs	3.4
	452807	AA028933	Hs.162434	ESTs	3.4
	436577	W84774	Hs.17643	ESTs	3.4
	412209	AW901456		gb:RC0-NN1012-270300-031-c07 NN1012 Homo	3.4
	417153	X57010	Hs.81343	collagen, type II, alpha 1 (primary oste	3.4
60	423871	AA331908		gb:EST35805 Embryo, 8 week 1 Homo sapien	3.4
	447516	W06355	Hs.102971	hypothetical protein FLJ14751	3.4
	409623	AW449185		gb:UL-H-B13-elig-e-05-0-UL.s1 NCL_CGAP_Su	3.4
	416182	NM_004354	Hs.79069	cyclin G2	3.4
	420854	AW298927		gb:UL-H-BW0-ajo-c-07-0-UL.s1 NCL_CGAP_Su	3.4
65	422899	D16471	Hs.121571	Human mRNA, Xq terminal portion	3.4
	432404	AA535246	Hs.50852	ESTs	3.4
	458695	AV660159	Hs.282284	ESTs, Weakly similar to I38022 hypotheti	3.4
	440727	AI073991	Hs.134268	ESTs, Weakly similar to Z109260A B cell	3.3
	428766	AA477989	Hs.98800	ESTs	3.3
70	439567	AI058618	Hs.134314	ESTs	3.3
	458231	H73183	Hs.129885	ESTs, Weakly similar to 2004398A chromos	3.3
	454318	AW367764	Hs.7857	erythrocyte membrane protein band 4.1-II	3.3
	411966	AA089113	Hs.118609	ESTs	3.3
	443644	AI080491	Hs.93270	ESTs, Moderately similar to S65857 alpha	3.3
75	437037	T63804		gb:yc21e09.r1 Stralagene lung (937210) H	3.3
	407664	AW063476	Hs.279080	ESTs	3.3
	405780				3.3
	426667	AA381679	Hs.182962	ESTs	3.3
	400432	AX015809	Hs.287767	Sequence 8 from Patent WO9950285	3.3
80	403356				3.3
	404518	AI815601	Hs.79197	CD83 antigen (activated B lymphocytes, i	3.3
	413581	BE160618		gb:RC3-HT0272-110100-013-c06 HT0272 Homo	3.3
	429875	AI091815		gb:qa58b06.s1 Soares_NhHMPu_S1 Homo sapi	3.3
	433785	BE044593	Hs.112704	ESTs	3.3
	437876	AA770151	Hs.126424	ESTs	3.3
	444870	AI200621	Hs.148504	ESTs	3.3
	453324	W26592	Hs.232089	ESTs	3.3

5	437963	BE366279		gb:601309785F1 NIH_MGC_44 Homo sapiens c	3.3
	425361	AA355933	Hs.132221	hypothetical protein FLJ12401	3.3
	408813	AI580093	Hs.48295	RNA helicase family	3.3
	426692	AK001751	Hs.171835	hypothetical protein FLJ10889	3.3
	407456	AJ237589		gb:Homo sapiens mRNA for T-box transcrip	3.3
10	433183	AF231338	Hs.222024	transcription factor BMAL2	3.3
	436168	AK000883	Hs.301645	Homo sapiens cDNA FLJ10021 fis, clone HE	3.3
	438456	AA913381	Hs.190513	ESTs	3.3
	463242	T98327	Hs.18343	ESTs	3.3
	415131	D61119		gb:HUM158C11B Clontech human fetal brain	3.3
15	412040	D85518	Hs.73086	neuropeptide Y receptor Y6 (pseudogene)	3.3
	435070	AI821270	Hs.285643	Homo sapiens cDNA FLJ14364 fis, clone HE	3.3
	444443	AI149286	Hs.55099	rab6 GTPase activating protein (GAP and	3.3
	434001	AW950905	Hs.3697	serine (or cysteine) proteinase inhibitor	3.3
	454145	AA046872	Hs.62798	ESTs	3.3
20	405254				3.3
	411849	AW964970	Hs.18861	ESTs, Moderately similar to KIAA1276 pro	3.3
	416816	T71168	Hs.119567	ESTs, Weakly similar to A47582 B-cell pr	3.3
	435325	AI038388	Hs.119309	ESTs	3.3
	440184	AB002297	Hs.7022	dedicator of cyto-kinesis 3	3.3
25	428356	AL046991	Hs.10338	ESTs	3.3
	429216	AI369472	Hs.65407	ESTs	3.3
	429106	AA446812		gb:zw66g07.s1 Soares_total_fetus_Nb2HF8_	3.3
	405720				3.3
	400889				3.3
30	416294	D86980	Hs.79170	KIAA0227 protein	3.3
	422094	AF129535	Hs.272027	T-box only protein 5	3.3
	425374	AI904013		gb:MR-BT041-220189-104 BT041 Homo sapien	3.3
	418122	R42778	Hs.22217	Homo sapiens clone IMAGE:32106, mRNA seq	3.3
	427374	AI150033	Hs.143686	ESTs	3.3
35	443367	AW071349	Hs.215937	ESTs	3.3
	446645	AI336596	Hs.156294	ESTs	3.3
	457604	AI004397	Hs.334552	Homo sapiens cDNA FLJ14930 fis, clone PL	3.3
	452291	AF015592	Hs.28853	CDC7 (cell division cycle 7, S. cerevisi	3.3
	410481	R34107	Hs.321450	pregnancy specific beta-1-glycoprotein 2	3.3
40	458885	AA411303	Hs.30022	ESTs, Weakly similar to NAH6_HUMAN SODIU	3.3
	429508	U49250	Hs.210862	T-box, brain, 1	3.2
	437454	AL390169	Hs.268812	Homo sapiens mRNA; cDNA DKFZp761M0415 (f	3.2
	430503	AA533574	Hs.152274	ESTs	3.2
	432839	AA579465	Hs.45207	hypothetical protein KIAA1335	3.2
45	421698	T89577	Hs.324323	ESTs	3.2
	412321	AW936913		gb:RC1-DT0029-030200-012-018 DT0029 Homo	3.2
	422219	AW978073	Hs.1010	regulator of mitotic spindle assembly 1	3.2
	454962	AW847645		gb:IL3-CT0213-280100-056-A04 CT0213 Homo	3.2
	441705	AI087052	Hs.55993	ESTs	3.2
50	403619				3.2
	435608	AW183971	Hs.250896	ESTs	3.2
	426701	AI968103	Hs.209461	Homo sapiens cDNA FLJ12836 fis, clone NT	3.2
	401132				3.2
	407764	BE008347		gb:CM0-BN0154-080400-325-h04 BN0154 Homo	3.2
55	409425	U40462	Hs.54452	zinc finger protein, subfamily 1A, 1 (lk	3.2
	428004	AA449563	Hs.151393	glutamate-cysteine ligase, catalytic sub	3.2
	443603	BE502601	Hs.134289	ESTs, Weakly similar to KIAA1063 protein	3.2
	419936	AI792788		gb:091d05.y5 NCL_CGAP_Kd5 Homo sapiens	3.2
	465571	BE003714		gb:QV3-BN0096-200400-161-e01 BN0096 Homo	3.2
60	406592				3.2
	448530	AV668909	Hs.282642	ESTs	3.2
	454466	AA984138	Hs.155101	ATP synthase, H+ transporting, mitochond	3.2
	401449				3.2
	431198	AW974436	Hs.154929	ESTs	3.2
65	422183	AA431698	Hs.112794	Human DNA sequence from clone 1068E13 on	3.2
	459459	AA460445		gb:zx68h11.r1 Soares_total_fetus_Nb2HF8_	3.2
	421308	AA687322	Hs.192843	leucine zipper protein FKSG14	3.2
	427335	AA448542	Hs.251677	G antigen 7B	3.2
	455236	AW875972		gb:CM3-PT0014-071299-061-b05 PT0014 Homo	3.2
70	426158	AA351364		gb:EST59099 Infant brain Homo sapiens cD	3.2
	404588				3.2
	413087	BE064655		gb:RC1-BT0313-301299-012-c09 BT0313 Homo	3.2
	444910	AI201849		gb:qs76g04.x1 NCL_CGAP_Pr28 Homo sapiens	3.2
	426680	NM_002719	Hs.171734	protein phosphatase 2, regulatory subun	3.2
75	438315	R56795	Hs.82419	ESTs	3.2
	425523	AB007948	Hs.158244	KIAA0479 protein	3.2
	419340	AA236590	Hs.87530	ESTs	3.2
	425836	AK001243	Hs.158370	hypothetical protein FLJ10381	3.2
	430553	AW392821		gb:CM4-ST0275-021299-053-h09 ST0275 Homo	3.2
80	457030	AI301740	Hs.173381	dihydropyrimidinase-like 2	3.2
	447375	AI375660	Hs.257822	ESTs	3.2
	406334	AW514652	Hs.321637	ESTs	3.2
	410085	AA428482	Hs.58589	glycogenin 2	3.2
	410536	N39533		gb:yy27d04.s1 Soares fetal liver spleen	3.2
	448495	AW136516	Hs.208515	ESTs	3.2
	405634				3.2
	431098	AW501465	Hs.249230	ribonuclease L (2',5'-oligoadenylate	3.2

5	421581	U89331	Hs.105932	short stature homeobox	3.1
	440633	AJ140686	Hs.263320	ESTs	3.1
	453264	AA034137	Hs.271955	ESTs	3.1
	411656	AW855576		gb:CM4-CT0278-221099-027-d01 CT0278 Homo	3.1
	419169	AW851980	Hs.262346	ESTs, Weakly similar to S72482 hypothet	3.1
10	426591	AA431127	Hs.98885	ESTs	3.1
	446966	C01448	Hs.300611	ESTs	3.1
	452401	NM_007115	Hs.29352	tumor necrosis factor, alpha-Induced pro	3.1
	455170	AW860972		gb:QV0-CT0387-180300-167-h07 CT0387 Homo	3.1
	416208	AW291168	Hs.41295	ESTs, Weakly similar to MUC2_HUMAN MUCIN	3.1
15	423657	AL045128	Hs.1691	glucan (1,4-alpha-), branching enzyme 1	3.1
	400816				3.1
	410307	AF022913	Hs.62187	phosphatidylinositol glycan, class K	3.1
	440046	AW402306	Hs.6877	hypothetical protein FLJ10483	3.1
	452824	W27843	Hs.73965	splicing factor, arginine/serine-rich 2	3.1
20	400315	U46120	Hs.193392	Human expressed unknown mRNA	3.1
	411965	BE467339	Hs.280115	ESTs	3.1
	416316	H58721	Hs.271628	ESTs	3.1
	400813				3.1
	414819	BE177320	Hs.156148	hypothetical protein FLJ13231	3.1
25	434833	AF156548	Hs.192969	ESTs, Weakly similar to AT1A_HUMAN POTEN	3.1
	418593	AT750878	Hs.87409	thrombospondin 1	3.1
	416258	N45661	Hs.90011	adenylosuccinate synthase	3.1
	405093				3.1
	415273	Z39840	Hs.22229	ESTs	3.1
30	450519	AA010066	Hs.224849	Homo sapiens cDNA FLJ12583 fls, clone NT	3.1
	422654	AA314316	Hs.163725	ESTs	3.1
	414805	BE390440		gb:601283601F1 NIH_MGC_44 Homo sapiens c	3.1
	400441	M15530	Hs.99879	B-cell growth factor 1 (12kD)	3.1
	402790				3.1
35	438563	AA810885	Hs.134746	ESTs, Weakly similar to A46010 X-linked	3.1
	447524	D60449	Hs.45177	ESTs	3.1
	448835	BE277929	Hs.11081	UBX domain-containing 2	3.1
	415979	H16427	Hs.271501	ESTs, Weakly similar to I54374 gene NF2	3.1
	434479	AJ186213	Hs.162035	olfactory receptor, family 52, subfamily	3.1
40	426724	AA383623	Hs.293616	ESTs	3.1
	418105	AW937488	Hs.178000	ESTs, Weakly similar to FV1 MOUSE FRIEND	3.1
	405608				3.1
	406508				3.1
	421216	AV649282	Hs.102684	vesicle-associated membrane protein 4	3.1
45	452755	AW138937	Hs.213436	ESTs, Weakly similar to A34087 hypotheti	3.1
	404283				3.1
	429878	AA460188	Hs.127263	ESTs	3.1
	439834	AT754576	Hs.124523	ESTs	3.1
	454564	AW807573		gb:MR1-ST0088-021299-004-g01 ST0088 Homo	3.1
50	450491	BE045604	Hs.202301	ESTs	3.1
	409920	BE169746	Hs.12504	likely ortholog of mouse Arkadia	3.1
	400579				3.1
	402953				3.1
	404285				3.1
55	426890	AA393167	Hs.41294	ESTs	3.1
	457770	BE065030	Hs.124179	ESTs	3.1
	435477	BE218708	Hs.117270	hypothetical protein FLJ14345	3.1
	436391	AJ227892	Hs.146274	ESTs	3.1
	456083	U46922	Hs.77252	fragile histidine triad gene	3.1
60	416421	AA134006	Hs.79306	eukaryotic translation initiation factor	3.1
	430101	AF110002	Hs.233363	guanylate cyclase activator 1C	3.1
	449238	AA428229	Hs.331561	muscle-specific RING-finger protein 3	3.1
	452605	AW868557	Hs.90012	hypothetical protein FLJ23441	3.1
	456323	AW752389	Hs.87296	Homo sapiens cDNA FLJ20269 fls, clone HE	3.1
65	429828	AB019494	Hs.225767	IDN3 protein	3.1
	423454	AL110456	Hs.469	succinate dehydrogenase complex, subunit	3.1
	452762	AW501435	Hs.278582	v-akt murine thymoma viral oncogene homo	3.1
	401344				3.1
	455511	BE144762		gb:CM3-HT0180-041099-065-b04 HT0180 Homo	3.1
70	455280	AW886156		gb:RC5-OT0078-150300-021-E08 OT0078 Homo	3.1
	433132	AB026284	Hs.284246	hypothetical protein IMPACT	3.1
	423600	AF633569	Hs.310359	ESTs	3.1
	427667	AK001279	Hs.180171	Homo sapiens cDNA FLJ10417 fls, clone NT	3.0
	407257	AB006634		gb:Homo sapiens mRNA for HRV Fab N6-VH,	3.0
75	457041	AA399018	Hs.250835	ESTs	3.0
	421482	AL135462	Hs.104715	Inversin	3.0
	459062	AA059246	Hs.110293	ESTs	3.0
	436475	R58808	Hs.86149	phosphoinositid 3-phosphate-binding prot	3.0
	411622	AB07894	Hs.47274	Homo sapiens mRNA; cDNA DKFZp564B176 (tr	3.0
80	417489	AW953341	Hs.22573	ESTs, Weakly similar to ALU1_HUMAN ALU S	3.0
	418454	AA315308	Hs.195870	hypothetical protein FLJ14891	3.0
	409699	BE154650		gb:PM3-HT0344-071299-003-c08 HT0344 Homo	3.0
	438394	BE379623	Hs.27693	peptidylprolyl isomerase (cyclophilin)-1	3.0
	443741	AW451759	Hs.145420	ESTs	3.0
	405090				3.0
	432267	AK000872	Hs.274227	Homo sapiens cDNA FLJ10010 fls, clone HE	3.0
	445409	AI949081	Hs.147862	ESTs	3.0



	449347	AV649748	Hs.295901	KIAA0493 protein	3.0
	428301	AW628666	Hs.93440	ESTs, Weakly similar to I38022 hypothetical	3.0
	406354				3.0
5	418409	AA219332	Hs.120669	ESTs, Weakly similar to R107_HUMAN H-REV	3.0
	427050	AA397789	Hs.181803	ESTs	3.0
	431778	AL080276	Hs.268562	regulator of G-protein signalling 17	3.0
	448405	AW207634	Hs.170849	ESTs	3.0
	429046	AB023021	Hs.225945	fucosyltransferase 9 (alpha (1,3) fucosyl	3.0
10	438165	AA779344	Hs.138136	ESTs, Weakly similar to 1510254A.L1 repa	3.0
	418898	AU076801	Hs.89436	cadherin 17, LI cadherin (liver-intestin	3.0
	418432	M14156	Hs.85112	Insulin-like growth factor 1 (somatomedi	3.0
	426424	BE081745	Hs.272188	Homo sapiens cDNA FLJ12090 fis, clone HE	3.0
	419505	AA243660	Hs.143061	ESTs	3.0
	403743				3.0
15	415452	F09134	Hs.12839	ESTs	3.0
	428579	NM_005756	Hs.184942	G protein-coupled receptor 64	3.0
	447046	AA325187	Hs.17170	G protein-coupled receptor 4	3.0
	455651	BE146879		gb:QV4-HT0222-261099-014-c11 HT0222 Homo	3.0
	400227				3.0
20	436219	AK001695	Hs.146589	hypothetical protein FLJ10701	3.0
	439037	AF076084		gb:Homo sapiens full length insert cDNA	3.0
	439693	AI741816	Hs.126997	ESTs	3.0
	431292	AA370141	Hs.2281	chromogranin B (secretogranin 1)	3.0
	403513				3.0
25	425745	U44060	Hs.14427	Homo sapiens cDNA: FLJ21800 fis, clone H	3.0
	440122	AI733011	Hs.127678	ESTs	3.0
	448446	AI521251	Hs.171030	ESTs	3.0
	422563	BE289342	Hs.19348	hypothetical protein FLJ13119	3.0
	448130	AW271635	Hs.170717	ESTs	3.0
30	420288	AW071225	Hs.245556	ESTs	3.0
	428201	AA424158	Hs.206461	ESTs	3.0
	436643	AA757626	Hs.10941	ESTs, Weakly similar to IPP1_HUMAN PROTE	3.0
	448966	AW372914	Hs.86149	phosphoinositide 3-phosphate-binding prot	3.0
	404513				3.0
35	412074	S74683	Hs.73139	ADP-ribosyltransferase 1	3.0
	407762	AW236638	Hs.29475	ESTs	3.0
	403396				3.0
	436938	AW139680	Hs.161393	ESTs	3.0
40	458090	AI282149	Hs.56213	ESTs, Highly similar to FXD3_HUMAN FORKH	3.0
	400708				2.9
	432779	AW979241		gb:EST381351 MAGE resequences, MAGP Homo	2.9
	444600	R41398	Hs.6996	ESTs	2.9
	403786				2.9
45	430187	AI799809	Hs.158989	ESTs	2.9
	451700	AI470262	Hs.29553	ESTs	2.9
	456649	R74441	Hs.117176	poly(A)-binding protein, nuclear 1	2.9
	457603	AW970244	Hs.162188	ESTs	2.9
	446251	AW857156	Hs.282589	ESTs, Weakly similar to I38022 hypotheti	2.9
	405327				2.9
50	434571	R34758		gb:yg61g02.r1 Soares infant brain 1NIB H	2.9
	430175	AA488724		gb:ae09a06.s1 NCL_CGAP_Co3 Homo sapiens	2.9
	454186	BE141030		gb:MR0-HT0067-201099-002-h11 HT0067 Homo	2.9
	449459	BE546946	Hs.195048	ESTs	2.9
55	435934	R19382	Hs.117869	ESTs	2.9
	400325	M85292	Hs.247924	Homo sapiens endogenous HIV-1 related se	2.9
	408408	AF070571	Hs.44690	Homo sapiens clone 24739 mRNA sequence	2.9
	414514	BE327365	Hs.280187	ESTs	2.9
	423717	AA330036	Hs.152003	ESTs	2.9
60	424162	AL133591	Hs.141480	Homo sapiens mRNA; cDNA DKFZp434N079 (fr	2.9
	430982	R17432	Hs.22217	Homo sapiens clone IMAGE:32106, mRNA seq	2.9
	424726	AK001007	Hs.138760	Homo sapiens cDNA FLJ10145 fis, clone HE	2.9
	456186	W26642		gb:34b8 Human retina cDNA randomly prime	2.9
	412222	AA528283	Hs.282737	ESTs	2.9
65	459201	AW391177		gb:MR3-ST0203-221299-023-d05 ST0203 Homo	2.9
	422511	AU076442	Hs.117938	collagen, type XVII, alpha 1	2.9
	435579	AJ322373	Hs.156924	ESTs	2.9
	417027	AA192306	Hs.23926	triadin	2.9
	415533	T74009	Hs.268738	ESTs, Weakly similar to ALU7_HUMAN ALU S	2.9
70	445909	BE262656	Hs.32603	hypothetical protein MGC3279 similar to	2.9
	418343	AA216372	Hs.159501	ESTs	2.9
	459440	BE048054		gb:tz46c03.y1 NCL_CGAP_Brn52 Homo sapien	2.9
	403341				2.9
	445635	AI769774	Hs.209831	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.9
75	453830	AA534295	Hs.20953	ESTs	2.9
	455866	BE149024		gb:CM0-HT0249-291099-084-c04 HT0249 Homo	2.9
	407676	AW064111	Hs.279823	ESTs	2.9
	437913	AI140825	Hs.121623	ESTs	2.9
	443458	R05385	Hs.143509	hypothetical protein FLJ21924	2.9
80	457049	AW531495	Hs.27135	B-cell receptor-associated protein BAP29	2.9
	400491	H25530	Hs.50868	solute carrier family 22 (organic cation	2.9
	456189	H91010	Hs.44940	ESTs	2.9
	441874	AA970389	Hs.128055	ESTs	2.9
	416483	H58311	Hs.165077	ESTs	2.9

	420879	N31165	Hs.238837	ESTs, Weakly similar to S43603 RNA bind	2.9
	446447	AI300402	Hs.202250	ESTs	2.9
	439953	AA918129	Hs.124638	ESTs	2.9
	400643				2.9
5	436594	AI419982	Hs.156189	ESTs	2.9
	438402	D16902	Hs.42915	ARP2 (actin-related protein 2, yeast) ho	2.9
	451353	N21043	Hs.42932	ESTs	2.9
	419791	AI579909	Hs.105104	ESTs	2.9
	415628	F13080		gb:HSC31D041 normalized infant brain cDN	2.9
10	423637	AL137279	Hs.130187	Homo sapiens mRNA; cDNA DKFZp434O1214 (I	2.9
	454747	AW818535		gb:RC1-ST0278-140300-016-105 ST0278 Homo	2.9
	452778	R71338	Hs.5921	Homo sapiens cDNA: FLJ21592 fis, clone C	2.9
	457178	AL039101	Hs.194625	dynein, cytoplasmic, light intermediate	2.9
	401526				2.9
15	405751	N91553	Hs.258343	ESTs	2.9
	414140	AA281279	Hs.23317	hypothetical protein FLJ14681	2.9
	417320	AA195687	Hs.86022	ESTs	2.9
	442827	AI024347	Hs.131519	ESTs	2.9
	444125	AI124882	Hs.118121	ESTs	2.9
20	453901	BE085902		gb:RC2-BT0318-150200-011-b09 BT0318 Homo	2.9
	421847	NM_014717	Hs.108884	KIAA0390 gene product	2.8
	434424	AI811202	Hs.325335	Homo sapiens cDNA: FLJ23523 fis, clone L	2.8
	422225	BE245652	Hs.118281	zinc finger protein 266	2.8
	403011				2.8
25	405170				2.8
	435878	R08330	Hs.20152	ESTs	2.8
	436194	AK001074	Hs.333435	Homo sapiens cDNA FLJ10212 fis, clone HE	2.8
	400394	AF040257	Hs.283818	Homo sapiens TNF receptor homolog mRNA,	2.8
30	411244	AW833768		gb:QV4-TT0008-130100-077-e06 TT0008 Homo	2.8
	441817	AW969705	Hs.293332	ESTs	2.8
	456118	AA380267	Hs.78277	DKFZP434F2021 protein	2.8
	417801	AA417383	Hs.82582	Integrin, beta-like 1 (with EGF-like rep	2.8
	442717	R68362	Hs.180591	ESTs, Weakly similar to T23976 hypotheti	2.8
	402131				2.8
35	428959	AF100779	Hs.194660	WNT1 Inducible signaling pathway protein	2.8
	438160	AA779332	Hs.122671	ESTs	2.8
	407594	AW057584	Hs.160581	ESTs	2.8
	417877	AK025829	Hs.86320	ESTs	2.8
40	439235	N45513	Hs.46608	ESTs	2.8
	451257	AA016255	Hs.31856	ESTs, Weakly similar to KIAA1453 protein	2.8
	437113	AA744693		gb:ay28c10.s1 NC1_CGAP_GCB1 Homo sapiens	2.8
	430882	BE174240	Hs.79024	heterogeneous nuclear ribonucleoprotein	2.8
	409978	D31897	Hs.57714	double C2-like domains, alpha	2.8
45	410572	AW794600		gb:RC6-UM0014-170300-022-C05 UM0014 Homo	2.8
	412236	AW902583		gb:QV3-NN1024-260400-171-f10 NN1024 Homo	2.8
	417827	T79366	Hs.108258	actin binding protein; macrophin (microf	2.8
	420206	M91463	Hs.95858	solute carrier family 2 (facilitated glu	2.8
	449576	AW380579	Hs.205657	ESTs	2.8
50	454778	AW820199		gb:QV2-ST0296-190100-029-a07 ST0298 Homo	2.8
	451203	AW070604	Hs.46517	ESTs	2.8
	450180	AW449644	Hs.257182	ESTs	2.8
	409432	D49372	Hs.54460	small inducible cytokine subfamily A (Cy	2.8
	442264	AI278777	Hs.263456	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.8
55	450003	AA777809	Hs.191995	ESTs	2.8
	401602				2.8
	413986	Z43567		gb:HSC1FC021 normalized infant brain cDN	2.8
	436187	AK000998	Hs.297221	Homo sapiens cDNA FLJ10136 fis, clone HE	2.8
	415652	T79213	Hs.272073	ESTs	2.8
60	404076				2.8
	409416	AW388359	Hs.10667	ESTs	2.8
	420844	AA721158	Hs.190440	ESTs	2.8
	426960	AA393713		gb:zt71h04.r1 Soares_testis_NHT Homo sap	2.8
	419227	BE537383	Hs.89739	cholinergic receptor, nicotinic, beta po	2.8
65	448597	BE613250	Hs.98265	KIAA1877 protein	2.8
	408928	AL137163	Hs.57549	hypothetical protein cl473B4	2.8
	433077	AA314262	Hs.301917	YDD19 protein	2.8
	436720	AW975902		gb:EST388011 MAGE resequences, MAGN Homo	2.8
	447410	AI470235	Hs.172698	EST	2.8
70	414652	AI620599	Hs.72068	ESTs	2.8
	430454	AW469011	Hs.105635	ESTs	2.8
	412417	AA102268	Hs.158822	ESTs	2.8
	423130	AW897586	Hs.21213	ESTs	2.8
	430660	R11884	Hs.100826	ESTs	2.8
	401098				2.8
75	454036	AA374758	Hs.93580	Homo sapiens mRNA for KIAA1771 protein,	2.8
	409549				2.8
	414394	AI904738	Hs.76053	DEAD/H (Asp-Glu-Ala-Asp/His) box polypep	2.8
	412323	AW937143		gb:PM1-DT0041-261299-001-f01 DT0041 Homo	2.8
80	433543	AI566356	Hs.171437	ESTs	2.8
	446577	AI800311	Hs.156291	ESTs	2.8
	457756	AA126136	Hs.38125	Interferon-induced protein 75, 52kD	2.8
	450895	N66727	Hs.10957	ESTs	2.8
	434352	AF128505	Hs.85482	small muscle protein, X-linked	2.8

	449358	AA001229	Hs.131436	ESTs	2.8
	422816	AA323586	Hs.93235	ESTs	2.8
	420756	AA411800	Hs.189900	ESTs	2.8
5	423532	BE090503		gb:RC5-BT0717-110400-011-F11 BT0717 Homo	2.8
	448870	BE181783	Hs.175358	ESTs, Weakly similar to A47552 B-cell gr	2.8
	451206	H86228	Hs.271780	ESTs, Weakly similar to I38022 hypotheti	2.8
	457314	AA479597	Hs.193669	hypothetical protein DKFZp586J1119	2.8
	458023	AW978161	Hs.268555	5'-3' exonuclease 2	2.8
10	422260	AA315993	Hs.105484	regenerating gene type IV	2.8
	429638	AI916662	Hs.211577	kinecln 1 (kinesin receptor)	2.8
	408936	AL138043	Hs.293549	ESTs	2.8
	411762	AW860872		gb:QV0-CT0387-180300-167-507 CT0387 Homo	2.8
	416192	NM_005036	Hs.998	peroxisome proliferative activated recep	2.8
15	455310	AW893961		gb:RC4-NN0027-050400-011-d11 NN0027 Homo	2.8
	406992	S82472		gb:beta -pot=DNA polymerase beta (exon a	2.7
	421003	T72060	Hs.95667	F-box protein 30	2.7
	429593	AK000332	Hs.209927	Homo sapiens cDNA FLJ20325 fis, clone HE	2.7
	445611	AW418497	Hs.145583	ESTs	2.7
20	445747	AI820863	Hs.145328	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.7
	445017	AL205493	Hs.176860	ESTs	2.7
	411726	AW858612		gb:CM3-CT0341-190400-152-h12 CT0341 Homo	2.7
	451917	AW391351	Hs.50620	Homo sapiens unknown mRNA	2.7
	416805	F13271	Hs.79981	Human clone 23560 mRNA sequence	2.7
25	423020	AA383092	Hs.1608	replication protein A3 (14kD)	2.7
	427134	AA398409	Hs.173561	EST	2.7
	435689	AA694284		gb:z35c02.s1 Soares_fetal_liver_spleen_	2.7
	429282	N27596	Hs.21342	ESTs	2.7
	435731	AA695581	Hs.186811	ESTs	2.7
30	426582	AV650038	Hs.2056	UDP glycosyltransferase 1 family, polype	2.7
	421274	BE160327	Hs.104572	ESTs	2.7
	403776				2.7
	409526	BE298751	Hs.55014	hypothetical protein FLJ10206	2.7
	410201	AA126129		gb:zm78c07.r1 Stratagene neuroepithelium	2.7
35	427839	AA608823	Hs.98244	ESTs	2.7
	447884	H29505		gb:ym60d10.r1 Soares Infant brain 1N15 H	2.7
	449396	BE169100	Hs.195029	ESTs	2.7
	422968	AW873847	Hs.97321	ESTs	2.7
	442772	AW503680	Hs.5957	Homo sapiens clone 24416 mRNA sequence	2.7
40	434890	AF161345	Hs.283930	Homo sapiens HSPC082 mRNA, partial cds	2.7
	412400	AW948066		gb:RC0-MT0012-290300-031-h10 MT0012 Homo	2.7
	413998	AW103607	Hs.243933	ESTs	2.7
	403677				2.7
	423401	NM_001992	Hs.128087	coagulation factor II (thrombin) recepto	2.7
45	430698	AA492071		gb:ns97b04.s1 NCI_CGAP_Ki31 Homo sapiens	2.7
	432591	AA643238	Hs.146144	ESTs	2.7
	446800	AI341635	Hs.156486	ESTs	2.7
	454938	AW846134		gb:QV0-CT0179-091199-049-d02 CT0179 Homo	2.7
50	456869	BE467912	Hs.154294	discs, large (Drosophila) homolog 1	2.7
	445233	AV653034	Hs.297559	ESTs	2.7
	448756	AI739241	Hs.171480	ESTs	2.7
	418379	AA218940	Hs.137516	fidgetin-like 1	2.7
	435068	H16262	Hs.31415	ESTs	2.7
	406092				2.7
55	422036	AA302647	Hs.271891	ESTs, Weakly similar to ZN91_HUMAN ZINC	2.7
	441541	AA938663	Hs.199828	ESTs	2.7
	451395	AI082419	Hs.114781	ESTs	2.7
	455880	BE153208		gb:PMO-HT0335-050400-007-F10 HT0335 Homo	2.7
60	459276	AI808913	Hs.339352	Homo sapiens brother of CDO (BOC) mRNA,	2.7
	423949	AI014548	Hs.130912	ESTs	2.7
	435420	AI928513	Hs.59203	ESTs	2.7
	439418	AI282149	Hs.56213	ESTs, Highly similar to FXD3_HUMAN FORKH	2.7
	454790	AW820852		gb:RC2-ST0301-120200-011-F12 ST0301 Homo	2.7
	447453	AW608645	Hs.16800	hypothetical protein FLJ20281	2.7
65	454767	BE069199		gb:QV3-BT0379-010300-105-g03 BT0379 Homo	2.7
	413252	BE074910		gb:RC5-BT0580-170300-021-F12 BT0580 Homo	2.7
	402429				2.7
	403760				2.7
	433128	AB021923	Hs.23367	EST-YD1 protein	2.7
70	435448	H17132	Hs.27085	ESTs	2.7
	445706	AA305620	Hs.108812	hypothetical protein FLJ22004	2.7
	422171	U50529	Hs.112434	Novel human gene mapping to chromosome 13	2.7
	459023	AW968226	Hs.60798	ESTs	2.7
	443246	T75157	Hs.337603	ESTs, Weakly similar to T08680 hypotheti	2.7
	404569				2.7
75	410181	AI468210	Hs.261285	pleiotropic regulator 1 (PRL1, Arabidops	2.7
	422897	AA679784	Hs.4290	ESTs	2.7
	427038	NM_014633	Hs.173288	KIAA0155 gene product	2.7
	449880	AI573005	Hs.231948	ESTs	2.7
	455992	BE179015		gb:RC3-HT0612-080500-013-h10 HT0612 Homo	2.7
80	415268	R53935	Hs.287827	ESTs, Highly similar to MDR3_HUMAN MULTI	2.7
	446554	AA151730	Hs.301789	nudix (nucleoside diphosphate linked moi	2.7
	452512	AW363486	Hs.337636	ESTs	2.7
	440728	AW086077	Hs.153272	Homo sapiens cDNA: FLJ22715 fis, clone H	2.7

5	419481	AI879195	Hs.90606	15 kDa selenoprotein	2.7
	454352	AW389668		gb:RC2-ST0168-071299-013-f06 ST0168 Homo	2.7
	422631	R02504	Hs.332943	ESTs	2.7
	413646	BE155042		gb:PMO-HT0349-101299-002-E04 HT0349 Homo	2.7
	426872	AA410446	Hs.112011	ESTs, Weakly similar to unknown [H.sapie	2.7
10	459160	AI904723		gb:CM-BT066-120289-092 BT066 Homo sapien	2.7
	421338	AA287443		gb:zs52c10.r1 NCL_CGAP_GCB1 Homo sapiens	2.7
	446002	AI348468	Hs.145789	ESTs	2.7
	454716	AW850684		gb:IL3-CT0219-160200-063-D12 CT0219 Homo	2.7
	406654	L34041	Hs.9739	glycerol-3-phosphate dehydrogenase 1 (so	2.7
15	453128	AW026516	Hs.31791	acylphosphatase 2, muscle type	2.7
	408691	AW250525		gb:2821625.5prime NIH_MGC_7 Homo sapiens	2.7
	454754	AW819191		gb:CM1-ST0283-071299-061-d08 ST0283 Homo	2.7
	439451	AF086270	Hs.278554	heterochromatin-like protein 1	2.7
	445225	AI216555	Hs.202398	ESTs	2.7
20	427175	H06924	Hs.23782	hypothetical protein FLJ12847	2.7
	411816	AW864609		gb:PM3-SN0017-240300-001-h03 SN0017 Homo	2.7
	438135	AI253025	Hs.190426	ESTs	2.7
	405981				2.7
	406005				2.7
25	430762	AI343652	Hs.105667	ESTs	2.7
	438361	AA805866	Hs.146217	Homo sapiens cDNA: FLJ23077 fs, clone L	2.7
	412105	H07971	Hs.94319	VPS10 domain receptor protein	2.7
	434684	AA737282	Hs.190911	ESTs	2.7
	445660	AI702668	Hs.201955	ESTs	2.7
30	400844				2.6
	415725	BE219771	Hs.237146	hypothetical protein FLJ12752	2.6
	420159	AI572490	Hs.99785	Homo sapiens cDNA: FLJ21245 fs, clone C	2.6
	408612	BE397160	Hs.254763	ESTs, Weakly similar to A42442 integrin	2.6
	430052	AF102850	Hs.227933	Alg5, S. cerevisiae, homolog of	2.6
35	440310	AA878939	Hs.125406	ESTs	2.6
	425659	AK000590	Hs.158836	hypothetical protein FLJ20583	2.6
	417252	AA195014	Hs.85971	ESTs	2.6
	427167	AI239607	Hs.99196	hypothetical protein MGC11324	2.6
	431613	AA018515	Hs.264482	Homo sapiens mRNA; cDNA DKFZp761AD411 (f	2.6
40	414546	BE379492		gb:601236215F1 NIH_MGC_44 Homo sapiens c	2.6
	407494	U10072		gb:Human forkhead family (AFX1) mRNA, pa	2.6
	429643	AA456889	Hs.167279	FYVE-finger-containing Rab5 effector pro	2.6
	442240	AI791883	Hs.292719	ESTs	2.6
	452821	AW471181	Hs.160874	ESTs	2.6
45	410238	N94320	Hs.144225	ESTs	2.6
	419236	AA330447	Hs.135159	Homo sapiens cDNA FLJ11481 fs, clone HE	2.6
	440801	AA906366	Hs.190535	ESTs	2.6
	440274	R24595	Hs.7122	scraple responsive protein 1	2.6
	411597	AW852925		gb:PMO-CT0248-131099-001-f10 CT0248 Homo	2.6
50	417956	AA210704	Hs.190465	ESTs	2.6
	420621	AA278808		gb:zs79c09.r1 NCL_CGAP_GCB1 Homo sapiens	2.6
	425176	AW015844	Hs.165005	TEA domain family member 1 (SV40 transcr	2.6
	425492	AL021918	Hs.158174	zinc finger protein 184 (Kruppel-like)	2.6
	425698	NM_016112	Hs.159241	polycystic kidney disease 2-like 1	2.6
55	426098	NM_014906	Hs.166351	KIAA1072 protein	2.6
	435113	AA665469	Hs.117136	ESTs	2.6
	438188	AA779975	Hs.128859	ESTs	2.6
	445550	AI242754	Hs.137308	ESTs	2.6
	456804	AL157625		gb:DKFZp761L2016_r1 781 (synonym: hamy2)	2.6
60	448299	AA497044	Hs.20887	hypothetical protein FLJ10392	2.6
	436407	T88803	Hs.271507	ESTs, Weakly similar to TIM_HUMAN PROBAB	2.6
	425195	AA352026	Hs.94319	VPS10 domain receptor protein	2.6
	418282	AA215535	Hs.98133	ESTs	2.6
	442757	AI739528	Hs.28345	ESTs	2.6
65	413470	N20834		gb:yx54c11.s1 Soares melanocyte 2NblHM Ho	2.6
	428527	AI902398	Hs.34492	Cyt19 protein	2.6
	441209	AA922939	Hs.135742	ESTs	2.6
	456679	AW975460	Hs.143563	ESTs	2.6
	442279	AW867006	Hs.159970	ESTs	2.6
70	407244	M10014	Hs.75431	fibrinogen, gamma polypeptide	2.6
	411860	AW872477		gb:hnm3003.x1 NCL_CGAP_Thy4 Homo sapiens	2.6
	404845				2.6
	411693	AW857271		gb:CMO-CT0307-210100-158-g09 CT0307 Homo	2.6
	438298	H23542	Hs.181788	ESTs	2.6
75	444517	AI939339	Hs.146883	ESTs	2.6
	455870	AW452531	Hs.313803	ESTs, Highly similar to AF157833 1 noncl	2.6
	457630	AI680803	Hs.112627	ESTs	2.6
	424015	N95698	Hs.168361	Homo sapiens mRNA; cDNA DKFZp584F112 (fr	2.6
	417563	AA203701		gb:zs52a10.r1 Soares_fetal_liver_spleen_	2.6
80	413174	AA723564	Hs.191343	ESTs	2.6
	438875	AA827840	Hs.189059	ESTs	2.6
	440700	AW952281	Hs.296184	guanine nucleotide binding protein (G pr	2.6
	423257	AW161039	Hs.125878	synapsin III	2.6
	431086	AI829892	Hs.211581	ESTs	2.6
	409337	H71289	Hs.220535	ESTs	2.6
	442818	AK001741	Hs.8739	hypothetical protein FLJ10879	2.6
	410004	AI298027	Hs.5057	carboxypeptidase D	2.6

	455935	BE158687		gb:CMD-HT0395-280100-169-b09 HT0395 Homo	2.6
	403273				2.6
	445955	AA332209	Hs.158196	transcriptional adaptor 3 (ADA3, yeast h	2.6
5	425626	AI537536	Hs.173519	ESTs	2.6
	451531	AA018311	Hs.114752	ESTs	2.6
	428085	AA421081	Hs.12388	ESTs	2.6
	429761	AI276780	Hs.135173	ESTs	2.6
	437958	BE139550	Hs.121668	ESTs, Moderately similar to PC4259 ferl	2.8
10	442666	W74633	Hs.303720	ESTs	2.6
	413088	BE064962		gb:RC1-BT0313-130400-016-c02 BT0313 Homo	2.6
	419107	AW085152	Hs.292987	ESTs	2.6
	435766	R11673	Hs.186498	ESTs	2.6
	452879	AW805328	Hs.180842	ribosomal protein L13	2.6
15	440400	AA904364	Hs.125594	ESTs, Weakly similar to T25472 hypotheti	2.6
	440450	H92571	Hs.234478	Homo sapiens cDNA: FLJ22648 fis, clone H	2.6
	424146	AA705092	Hs.202368	ESTs	2.6
	439950	AW937417	Hs.293561	ESTs	2.6
	410366	AI267589	Hs.302689	hypothetical protein	2.6
20	417485	AA203304	Hs.32826	CGI-130 protein	2.6
	412586	AW962574		gb:EST374647 MAGE resequences, MAGG Homo	2.6
	416498	U33632	Hs.79351	potassium channel, subfamily K, member 1	2.6
	440397	AA884448	Hs.157239	ESTs	2.6
	451236	AI767406	Hs.207026	ESTs, Weakly similar to B56206 transcrip	2.6
25	411619	AW947884		gb:PM1-MT0010-200300-001-g08 MT0010 Homo	2.6
	430357	AW976789	Hs.165607	ESTs	2.6
	432869	AW974094		gb:EST386197 MAGE resequences, MAGM Homo	2.6
	427506	AK000134	Hs.179100	hypothetical protein FLJ20127	2.6
	401614				2.6
30	404531	Z25884	Hs.121483	chloride channel 1, skeletal muscle (Tn	2.6
	426698	AA394104	Hs.97489	ESTs	2.6
	440479	AA886461	Hs.208161	ESTs	2.6
	443160	AI467915	Hs.36053	ESTs	2.6
	419323	AI092379	Hs.135275	ESTs	2.5
35	442813	AI018435	Hs.270970	ESTs	2.5
	436195	AK001084	Hs.333498	Homo sapiens cDNA FLJ10222 fis, clone HE	2.5
	433561	BE540937	Hs.20104	hypothetical protein FLJ00052	2.5
	434059	AA649162	Hs.236456	ESTs	2.5
	454836	AW833711		gb:QV4-TT0008-251199-043-e11 TT0008 Homo	2.5
40	458589	AV654623	Hs.288141	hypothetical protein MGC3156	2.5
	459716				2.5
	436340	R42246	Hs.21606	ESTs	2.5
	428020	L19058	Hs.181581	glutamate receptor, ionotropic, kainate	2.5
	416951	AA190926	Hs.190785	ESTs, Moderately similar to S65657 alpha	2.5
45	401078				2.5
	410644	AW802125		gb:QV0-NN1022-120500-220-h12 NN1022 Homo	2.5
	411660	AW855718		gb:RC1-CT0279-070100-021-a08 CT0279 Homo	2.5
	425201	AA352111		gb:EST60061 Activated T-cells XX Homo sa	2.5
	455252	AW876527		gb:RC3-PT0028-120200-013-d11 PT0028 Homo	2.5
50	439096	AA830185	Hs.269680	ESTs	2.5
	442627	AI027690	Hs.132303	ESTs	2.5
	457799	AF220188	Hs.236510	uncharacterized hypothalamus protein HTM	2.5
	428799	AI478619	Hs.104677	ESTs	2.5
	450402	BE218027	Hs.89969	ESTs	2.5
55	411156	AW819939	Hs.273629	ESTs	2.5
	431673	AW971302	Hs.293233	ESTs	2.5
	415706	BE182587	Hs.57485	ESTs	2.5
	412882	BE006919	Hs.134106	ESTs	2.5
	441300	R35063	Hs.181536	ESTs	2.5
60	413257	BE075035		gb:PM3-BT0584-260300-002-g05 BT0584 Homo	2.5
	434662	AA641957		gb:ns18d08.r1 NCL CGAP_GCB1 Homo sapiens	2.5
	455255	AW877139		gb:QV2-PT0010-160400-133-g01 PT0010 Homo	2.5
	417137	U46265	Hs.81281	mitochondrial ribosomal protein S21	2.5
	417909	R35614		gb:yg66e08.r1 Soares infant brain 1N1B H	2.5
65	458043	AW979009	Hs.326108	ESTs	2.5
	417008	AW673608	Hs.80758	aspartyl-tRNA synthetase	2.5
	442006	AW975183	Hs.292653	ESTs, Weakly similar to S72482 hypotheti	2.5
	455756	BE079307		gb:RC1-BT0623-120200-011-g09 BT0623 Homo	2.5
	454032	W31790	Hs.194293	ESTs, Weakly similar to 154374 gene NF2	2.5
70	444963	AI916973	Hs.213603	ESTs	2.5
	443526	AW792804	Hs.134002	ESTs	2.5
	454532	AA344685	Hs.58631	regulator of Fas-induced apoptosis	2.5
	428832	AA578229	Hs.324239	ESTs, Moderately similar to ZN91_HUMAN Z	2.5
	442003	AW297497	Hs.201891	ESTs	2.5
75	452768	AW069459	Hs.61539	ESTs	2.5
	411355	AW838479	Hs.22692	ESTs	2.5
	458890	AW865523		gb:PM4-SN0020-010400-009-b05 SN0020 Homo	2.5
	400074				2.5
	405241				2.5
80	413096	BE065209		gb:RC1-BT0314-310300-015-b12 BT0314 Homo	2.5
	414349	BE512968		gb:801172256F1 NIH_MGC_15 Homo sapiens c	2.5
	422684	AW860975	Hs.13256	ESTs	2.5
	429515	AL031228	Hs.204370	DNA segment on chromosome 6 (unique, pse	2.5
	431925	AK000890		gb:Homo sapiens cDNA FLJ10028 fis, clone	2.5

	442653	BE269247		gb:601185486F1 NIH_MGC_8 Homo sapiens cD	2.5
	401882				2.5
	456257	U48351	Hs.201219	ESTs, Weakly similar to S18945 ultra hlg	2.5
	405336				2.5
5	439492	AF086310	Hs.103159	ESTs	2.5
	459390	BE385725		gb:501276347F1 NIH_MGC_20 Homo sapiens c	2.5
	436359	Z83806		gb:H.sapiens mRNA for axonemal dynein he	2.5
	429322	D86984	Hs.199243	KIAA0231 protein	2.5
	431699	NM_001173	Hs.267831	Rho GTPase activating protein 5	2.5
10	437107	AA745598	Hs.291840	ESTs, Weakly similar to I78885 serine/th	2.5
	441953	H11695	Hs.322901	disrupter of silencing 10	2.5
	442777	AW341541	Hs.271153	ESTs	2.5
	453361	AA035197	Hs.107375	ESTs	2.5
15	455275	AW977806		gb:EST389810 MAGE resequences, MAGO Homo	2.5
	457824	R84938		gb:y65f04.r1 Soares retina N2b4HR Homo	2.5
	428550	AW297880	Hs.98661	ESTs	2.5
	445900	AF070526	Hs.13429	Homo sapiens clone 24787 mRNA sequence	2.5
	456359	AI967991	Hs.93574	homeo box D3	2.5
20	414366	BE549143		gb:601076456F1 NIH_MGC_12 Homo sapiens c	2.5
	452528	AA742457	Hs.291479	ESTs	2.5
	408444	AW661839	Hs.253204	ESTs	2.5
	440327	R12581	Hs.191146	ESTs	2.5
	410406	AI869703	Hs.1466	glycerol kinase	2.5
25	457021	AW968934	Hs.173108	Homo sapiens cDNA: FLJ21897 fis, clone H	2.5
	418948	AI217097		gb:qd43h07.x1 Soares_fetal_heart_NbHH19W	2.5
	435427	AA682573	Hs.188982	ESTs, Weakly similar to organic anion tr	2.5
	427791	AA412446	Hs.98138	ESTs	2.5
	403509	AF231919	Hs.18759	KIAA0539 gene product	2.5
30	436590	AI393115	Hs.127655	ESTs	2.5
	455556	AW995423		gb:QV0-BN0042-010400-183-g08 BN0042 Homo	2.5
	405869				2.5
	408274	R17315		gb:y612g11.r1 Soares infant brain 1NIB H	2.5
	446015	AI458065	Hs.23196	ESTs	2.5
35	454190	AW177821		gb:IL3-HT0059-180899-007-C05 HT0059 Homo	2.5
	436154	AA764950	Hs.119898	ESTs	2.5
	406377				2.5
	437030	AA742577	Hs.303781	EST	2.5
	420815	AA280684	Hs.270584	ESTs	2.5
40	418421	R58620	Hs.85050	phospholamban	2.5
	423638	AI003521	Hs.130310	Homo sapiens mRNA for cyclin B3 isoform	2.5
	415425	F08365		gb:HSCZSA121 normalized infant brain cDN	2.5
	404577				2.5
	403568				2.5
45	425967	NM_007159	Hs.4007	Sarcolemmal-associated protein	2.5
	449899	AI610700	Hs.103280	ESTs	2.5
	451078	AI927694	Hs.204470	ESTs	2.5
	453343	AA905353	Hs.121622	ESTs	2.5
	429728	NM_018625	Hs.191381	hypothetical protein	2.5
50	409642	AW450809	Hs.257347	ESTs	2.5
	426235	AI631964	Hs.34447	ESTs	2.5
	452043	H86231		gb:y03f02.r1 Soares retina N2b5HR Homo	2.5
	401992				2.5
	419910	AA652913	Hs.180173	ESTs, Weakly similar to A46010 X-linked	2.5
55	411038	AA857218	Hs.297007	membrane-bound transcription factor prot	2.5
	444575	AI264847	Hs.22545	Homo sapiens cDNA FLJ12535 fis, clone NT	2.5
	449311	AI657014		gb:tt49a12.x1 NCL CGAP_GC6 Homo sapiens	2.5
	454566	AW807605		gb:MR4-ST0098-120100-001-b08 ST0098 Homo	2.5
	454597	AW809648		gb:MR4-ST0124-261089-015-d01 ST0124 Homo	2.5
60	413875	BE176776		gb:RC3-HT0586-110300-011-g09 HT0586 Homo	2.4
	421583	AA293333		gb:z153c09.r1 Soares ovary tumor NbHOT H	2.4
	428237	AK001104	Hs.168241	hypothetical protein FLJ10242	2.4
	454437	AI248173	Hs.191460	hypothetical protein MGC12936	2.4
	419187	AA234852	Hs.44683	ESTs	2.4
65	444493	R59410	Hs.282094	ESTs, Moderately similar to I38022 hypol	2.4
	405547				2.4
	454086	AW885909	Hs.6975	PRO1073 protein	2.4
	417508	BE163512	Hs.180877	H3 histone, family 3B (H3.3B)	2.4
	416277	W78765	Hs.180145	HSPC030 protein	2.4
70	420976	AI924940	Hs.108082	ESTs, Weakly similar to T31636 hypotheti	2.4
	406468				2.4
	408617	R61736	Hs.124128	ESTs	2.4
	418994	AA296520	Hs.89546	selectin E (endothelial adhesion molecul	2.4
	445432	AV653771		gb:AV653771 GLC Homo sapiens cDNA clone	2.4
75	454137	AW500340	Hs.313876	ESTs, Weakly similar to I38022 hypotheti	2.4
	456328	AW895438		gb:PM1-NN0047-040400-001-d09 NN0047 Homo	2.4
	409500	U08098	Hs.54576	sulfotransferase, estrogen-prefering	2.4
	434138	AA825804		gb:zu86h01.s1 Soares_testis_NHY Homo sap	2.4
	419511	AA429750	Hs.75113	general transcription factor IIIA	2.4
80	437980	R50393	Hs.278435	KIAA1474 protein	2.4
	439899	AA115811	Hs.6838	ras homolog gene family, member E	2.4
	403501				2.4
	446846	AI343645	Hs.156108	ESTs	2.4
	401775				2.4

	410845	AW807182		gb:MR4-ST0052-180200-001-b04 ST0062 Homo	2.4
	411836	AW901879	Hs.314453	ESTs	2.4
	412879	BE092219		gb:IL2-BT0734-240400-071-B04 BT0734 Homo	2.4
5	421083	AA283628	Hs.298016	ESTs, Weakly similar to I38022 hypothe	2.4
	423513	AF035960	Hs.129719	transglutaminase 5	2.4
	428882	AA436915	Hs.131748	ESTs, Moderately similar to ALU7_HUMAN A	2.4
	428945	AW192803	Hs.98974	ESTs, Weakly similar to S65824 reverse t	2.4
	434827	AI221694	Hs.39311	ESTs	2.4
10	435256	AF193766	Hs.13872	cytokine-like protein C17	2.4
	435079	AA664192		gb:ao05b03.s1 Stratagene lung (937210) H	2.4
	458239	BE439877	Hs.283389	ESTs	2.4
	414093	BE544867	Hs.283077	centrosomal P4.1-associated protein; unc	2.4
	441262	AI809130	Hs.176906	ESTs	2.4
	402076				2.4
15	427962	AA946582	Hs.8700	deleted in liver cancer 1	2.4
	400587				2.4
	403053	R58624	Hs.2186	eukaryotic translation elongation factor	2.4
	411203	AW872430	Hs.273743	ESTs	2.4
20	447849	AI538147	Hs.164277	ESTs	2.4
	454201	AB023191	Hs.44131	KIAA0974 protein	2.4
	424131	AA335714	Hs.199665	ESTs	2.4
	425921	NM_007231	Hs.162211	solute carrier family 6 (neurotransmitte	2.4
	440385	AA884283	Hs.192136	ESTs	2.4
25	417976	BE565882	Hs.83077	interleukin 18 (interferon-gamma-inducin	2.4
	447179	AW016633	Hs.157299	ESTs	2.4
	412977	AA125910	Hs.191461	ESTs	2.4
	436958	AA740322	Hs.293539	Homo sapiens mRNA for KIAA1758 protein,	2.4
	401361				2.4
30	403891				2.4
	408419	AW250092	Hs.305953	zinc finger protein 83 (HPF1)	2.4
	417002	T79813	Hs.14613	ESTs	2.4
	439446	AI927629	Hs.57873	ESTs	2.4
	458570	AW971698	Hs.12627	TJ6 protein	2.4
35	458624	AI362790	Hs.278639	KIAA1684 protein; likely homolog of mous	2.4
	459344	AW499533	Hs.257976	ESTs	2.4
	413488	BE144017		gb:MR0-HT0165-191199-004-d09 HT0165 Homo	2.4
	412114	AW893891	Hs.240833	ESTs, Weakly similar to I38022 hypothe	2.4
	423296	AW957193	Hs.3327	Homo sapiens cDNA: FLJ22219 fis, clone H	2.4
40	419983	W55958	Hs.84030	Homo sapiens mRNA; cDNA DKFZp586E1624 (f	2.4
	428268	AA424957	Hs.294132	ESTs	2.4
	450947	AI745400	Hs.204662	ESTs	2.4
	423073	BE252922	Hs.123119	MAD (mothers against decapentaplegic, Dr	2.4
	438142	T80309	Hs.268651	ESTs	2.4
45	409239	AA740875	Hs.44307	ESTs, Moderately similar to I38022 hypot	2.4
	424235	NM_003181	Hs.143607	T brachyury (mouse) homolog	2.4
	429083	AW363845	Hs.122142	ESTs, Weakly similar to A46010 X-linked	2.4
	433868	AA612960	Hs.337300	ESTs	2.4
	401645				2.4
50	432149	AW614326	Hs.157022	ESTs, Weakly similar to T34549 probable	2.4
	453393	AW956392	Hs.110376	ESTs	2.4
	436054	AI076262	Hs.119813	ESTs	2.4
	426433	AA357471		gb:EST66274 LNCAP cells 1 Homo sapiens c	2.4
	417712	AA205569	Hs.194193	ESTs, Moderately similar to ALU1_HUMAN A	2.4
55	420639	AI683116	Hs.25328	ESTs, Moderately similar to ALU7_HUMAN A	2.4
	453369	BE561560	Hs.232630	ESTs	2.4
	405017				2.4
	405385				2.4
	435633	AI248152	Hs.270047	ESTs	2.4
60	457128	AI932995	Hs.183475	Homo sapiens clone 25061 mRNA sequence	2.4
	430535	AW968485		gb:EST380561 MAGE resequences, MAGJ Homo	2.4
	434544	C05875	Hs.91575	ESTs	2.4
	449432	AW451381	Hs.196529	ESTs	2.4
	455219	AW879403		gb:PMO-OT0019-150300-002-d01 OT0019 Homo	2.4
65	458734	AI554946	Hs.158794	ESTs	2.4
	442179	AA983842	Hs.333555	chromosome 2 open reading frame 2	2.4
	444313	AI140494	Hs.197955	KIAA0704 protein	2.4
	440448	AA885428	Hs.125648	ESTs	2.4
	441498	AI379248	Hs.58742	ESTs	2.4
70	438205	AA780385	Hs.122161	ESTs	2.4
	402615				2.4
	425707	AF115402	Hs.11713	E74-like factor 5 (ets domain transcript	2.4
	422306	BE044325	Hs.227280	U6 snRNA-associated Sm-like protein	2.4
	413697	AA131315	Hs.47144	DKFZP586N0819 protein	2.4
75	421755	AW169454	Hs.207422	ESTs, Weakly similar to S71949 metallopr	2.4
	449007	AI620433	Hs.193201	EST, Weakly similar to NIP2_HUMAN BCL2/A	2.4
	449916	T60525	Hs.299221	pyruvate dehydrogenase kinase, isoenzyme	2.4
	418857	D10216	Hs.89394	POU domain, class 1, transcription facto	2.4
	422486	BE514492	Hs.117487	gene near HD on 4p16.3 with homology to	2.4
80	458914	BE327696	Hs.280922	ESTs	2.4
	435061	AI651474	Hs.163944	ESTs	2.4
	416458	AA180511		gb:zps3f03.r1 Stratagene NT2 neuronal pr	2.4
	453785	AI368236	Hs.283732	ESTs, Moderately similar to ALU1_HUMAN A	2.4
	421515	Y11339	Hs.105352	GalNAc alpha-2, 6-sialyltransferase I, I	2.4

	403003				2.4
	405347				2.4
	406091				2.4
5	428402	AW237531	Hs.326876	Homo sapiens SOX6 mRNA, complete cds	2.4
	438762	AW844412	Hs.65450	reticulin 4	2.4
	455780	BE088828		gb:CM2-BT0693-230300-129-g09 BT0693 Homo	2.4
	457024	AA397545	Hs.119151	ESTs	2.4
	404249				2.4
10	443921	AI091310	Hs.134848	ESTs	2.4
	407055	X89211		gb:H.sapiens DNA for endogenous retrovir	2.4
	417154	AI574701	Hs.21388	ESTs	2.4
	419720	AA249131	Hs.337778	hypothetical protein FLJ11068	2.4
	405230				2.4
15	405935				2.4
	436998	AA745525	Hs.291414	ESTs, Weakly similar to ALU8_HUMAN ALU S	2.4
	445748	U80766	Hs.13252	Human EST clone 22453 mariner transposon	2.4
	419233	AA458873	Hs.178308	ESTs	2.3
	414277	BE269910		gb:601186291F1 NIH_MGC_8 Homo sapiens cD	2.3
20	452092	BE245374	Hs.27842	hypothetical protein FLJ11210	2.3
	453736	AL118674	Hs.34871	zinc finger homeobox 1B	2.3
	410688	AW861207		gb:RC1-CTC302-120200-013-d04 CTC302 Homo	2.3
	434239	AF119910	Hs.283047	hypothetical protein PRO2954	2.3
	434098	AA625499		gb:af59g08.r1 Soares_NhHMPu_S1 Homo sapi	2.3
25	414195	BE263293	Hs.88605	cholinergic receptor, nicotinic, alpha p	2.3
	445688	AI248205	Hs.153244	ESTs	2.3
	451656	BE327088	Hs.212752	ESTs	2.3
	423956	W28203	Hs.136169	Homo sapiens clone 25215 mRNA sequence,	2.3
	413445	BE141022		gb:MR0-HT0067-201099-002-d10 HT0067 Homo	2.3
30	436149	AI754308	Hs.158452	ESTs	2.3
	405629				2.3
	432702	AW973953	Hs.293744	ESTs	2.3
	433377	AI752713	Hs.43845	ESTs	2.3
	444711	AI188739	Hs.148488	ESTs	2.3
35	445821	AI733618	Hs.145549	ESTs	2.3
	456432	AW966931	Hs.179662	nucleosome assembly protein 1-like 1	2.3
	449236	AJ403125	Hs.26373	Homo sapiens cDNA: FLJ23449 fis, clone H	2.3
	458024	AA020799	Hs.262869	plasminogen-like	2.3
	441037	AA913360	Hs.126468	ESTs	2.3
40	431577	T34523	Hs.302040	Homo sapiens DNA sequences from PAC 43401	2.3
	438782	AA828380	Hs.126733	ESTs	2.3
	412329	AW937445		gb:QV3-DT0043-090200-060-c09 DT0043 Homo	2.3
	410999	AW813004		gb:RC3-ST0186-230300-019-h02 ST0186 Homo	2.3
	429044	AI251490	Hs.145527	ESTs	2.3
45	431655	AW971119		gb:EST383206 MAGE sequences, MAGL Homo	2.3
	439642	W81441	Hs.153987	ESTs	2.3
	441721	AI288269	Hs.127652	ESTs	2.3
	443482	AW188093	Hs.250385	ESTs	2.3
	403416	AI744626	Hs.151385	KIAA0564 protein	2.3
50	416443	N69469	Hs.194226	ESTs	2.3
	419714	AA758751	Hs.98216	ESTs	2.3
	415511	AI732617	Hs.182362	ESTs	2.3
	412344	AW938384	Hs.264190	vacuolar protein sorting 35 (yeast homo)	2.3
	449254	AI637649	Hs.196105	ESTs	2.3
55	451664	AA889081	Hs.153952	5' nucleotidase (CD73)	2.3
	441269	AW015206	Hs.176784	ESTs	2.3
	402333				2.3
	453649	Y07494	Hs.34114	ATPase, Na+K+ transporting, alpha 2 (+)	2.3
	430880	AW138724	Hs.168974	ESTs, Highly similar to ALU7_HUMAN ALU S	2.3
60	404357				2.3
	403695				2.3
	441822	AW450957	Hs.224864	ESTs	2.3
	411004	AW813242		gb:MR3-ST0191-020200-207-g10 ST0191 Homo	2.3
	411093	BE067650		gb:MR4-BT0358-090300-003-e01 BT0358 Homo	2.3
65	428548	AA430058	Hs.98649	EST	2.3
	404059				2.3
	446861	AI695519	Hs.14427	Homo sapiens cDNA: FLJ21800 fis, clone H	2.3
	413640	BE158118		gb:MR2-HT0378-240200-205-d09 HT0378 Homo	2.3
	423554	M90516	Hs.1674	glutamine-fructose-6-phosphate transamin	2.3
70	435338	AA678071	Hs.194300	ESTs, Weakly similar to I38022 hypotheti	2.3
	442710	AI015631	Hs.23210	ESTs	2.3
	444206	AW301017	Hs.148492	ESTs	2.3
	451250	AA491275	Hs.236940	hypothetical protein FLJ12542	2.3
	454784	AW820626		gb:RC0-ST0299-190100-012-e10 ST0299 Homo	2.3
75	458455	AV648310	Hs.213488	ESTs	2.3
	458521	AI651039	Hs.148559	ESTs	2.3
	407938	AA905097	Hs.85050	phospholamban	2.3
	439546	AF088056		gb:Homo sapiens full length insert cDNA	2.3
	441274	AW593781	Hs.131357	ESTs	2.3
80	454314	AW364844		gb:QV3-DT0044-221289-045-c03 DT0044 Homo	2.3
	409560	AW452065	Hs.258905	ESTs	2.3
	428532	AF157326	Hs.184786	TBP-interacting protein	2.3
	411384	AW842115		gb:RC0-CN0026-090200-031-e11 CN0026 Homo	2.3
	453687	T56674	Hs.283108	hemoglobin, gamma G	2.3



	410140	AL134435	Hs.22269	neurexin 3	2.3
	422443	NM_014707	Hs.116753	histone deacetylase 7B	2.3
	409071	AW316932	Hs.181982	ESTs	2.3
5	421253	AI188102	Hs.31028	ESTs	2.3
	441398	AA932398	Hs.292036	ESTs, Weakly similar to B34087 hypothet	2.3
	448458	AW614367	Hs.171054	ESTs	2.3
	457225	AW820035	Hs.278679	a disintegrin and metalloproteinase doma	2.3
	443718	AI083580	Hs.221373	ESTs	2.3
10	445568	H00918	Hs.268744	KIAA1796 protein	2.3
	400582				2.3
	411262	AW834480		gb:MR2-TT0014-151199-011-b07 TT0014 Homo	2.3
	401145				2.3
	407440	AF227135		gb:homo sapiens candidate taste receptor	2.3
15	455121	BE156459		gb:QV0-HT0368-040100-082-f06 HT0368 Homo	2.3
	459077	N20370	Hs.235883	ESTs	2.3
	448117	H49129	Hs.172982	ESTs	2.3
	453331	AI240885	Hs.8895	ESTs	2.3
	443751	AI285839	Hs.153324	EST	2.3
20	402038				2.3
	402176				2.3
	456605	AI827786	Hs.259044	ESTs	2.3
	432479	AL042844	Hs.275675	katanin p80 (WD40-containing) subunit B	2.3
	402527				2.3
25	449272	AW137656	Hs.197645	ESTs	2.3
	411024	BE062590		gb:QV1-BT0260-281099-023-f05 BT0260 Homo	2.3
	456608	BE011437		gb:CM4-BN0220-080500-170-f03 BN0220 Homo	2.3
	458818	AI523857	Hs.232257	ESTs	2.3
	419876	AA853410	Hs.93557	proenkephalin	2.3
30	405521				2.3
	436517	BE080932	Hs.135225	ESTs	2.3
	456601	AW961886	Hs.138263	Homo sapiens clone 24528 mRNA sequence	2.3
	430444	AW256421	Hs.121035	ESTs	2.3
	458208	AW298698	Hs.334625	Homo sapiens cDNA FLJ14890 fis, clone PL	2.3
35	430388	AA356923	Hs.240770	nuclear cap binding protein subunit 2, 2	2.3
	416599	N57713	Hs.260899	ESTs, Moderately similar to ZN91_HUMAN Z	2.3
	419337	AW291112	Hs.209978	ESTs	2.3
	418699	AA248998	Hs.173044	ESTs, Weakly similar to I38022 hypotheti	2.3
40	454456	AW850984		gb:IL3-CT0220-150200-068-f08 CT0220 Homo	2.3
	454633	AW811380		gb:IL3-ST0143-290999-019-D05 ST0143 Homo	2.3
	457028	AW448838	Hs.87582	ESTs	2.3
	458925	R15891	Hs.281587	Human (clone CTC-A4) mRNA sequence	2.3
	428336	AA503115	Hs.183752	microseminoprotein, beta-	2.3
	430850	BE144152		gb:MR0-HT0165-060200-006-e02 HT0165 Homo	2.3
45	408822	AA068060	Hs.202577	Homo sapiens cDNA FLJ12166 fis, clone MA	2.3
	421227	R78581	Hs.266308	mosaic serine protease	2.3
	426902	AI125334	Hs.97408	ESTs	2.3
	430789	AA632577	Hs.310235	ESTs, Weakly similar to I78885 serine/th	2.3
	447475	AI380797	Hs.158892	ESTs	2.3
50	452148	AF007143	Hs.28205	Homo sapiens clone 23738 mRNA sequence	2.3
	430712	AW044647	Hs.196284	ESTs	2.3
	458103	AW780192	Hs.267596	ESTs	2.3
	420959	AA282119	Hs.88975	ESTs	2.3
	444098	AV647969	Hs.109694	KIAA1451 protein	2.3
55	445641	AI245987	Hs.149442	ESTs	2.3
	449276	AW241510	Hs.252713	ESTs	2.3
	452294	AI871925	Hs.117895	ESTs, Moderately similar to A47582 B-cell	2.3
	457663	AI820719	Hs.154862	DnaJ (Hsp40) homolog, subfamily A, membe	2.3
	459497	AA825742	Hs.87517	ESTs	2.3
60	412852	BE004117	Hs.37415	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.3
	437539	AA874873	Hs.121419	ESTs	2.3
	421813	BE048265		gb:tz49b05.y1 NCL_CGAP_Bm52 Homo sapien	2.3
	411994	R67298	Hs.109087	Homo sapiens cDNA: FLJ22845 fis, clone K	2.3
	443476	AW068594	Hs.133878	ESTs, Weakly similar to YCD1_HUMAN HYPOT	2.3
65	452463	R36452	Hs.300817	ESTs	2.3
	404936				2.3
	442833	AA328153	Hs.88201	ESTs, Weakly similar to A Chain A, Cryst	2.3
	440836	AW370882	Hs.222080	ESTs	2.3
	405120				2.3
70	400238				2.3
	407809	AW082279	Hs.244106	ESTs	2.3
	412303	AW936336		gb:QV4-DT0021-281299-070-g11 DT0021 Homo	2.3
	420478	AA521259	Hs.193796	ESTs	2.3
	441417	AI733297	Hs.144474	ESTs	2.3
75	445117	AI208754	Hs.147369	ESTs	2.3
	431182	AW971180		gb:EST383268 MAGE resequences, MAGL Homo	2.2
	437036	AI571514	Hs.133022	ESTs	2.2
	455849	BE146866		gb:QV4-HT0222-211099-014-f06 HT0222 Homo	2.2
	447624	AI640326	Hs.62713	ESTs	2.2
80	439780	AL109588		gb:Homo sapiens mRNA full length insert	2.2
	405706				2.2
	447732	AI758398	Hs.161318	ESTs	2.2
	440625	BE539853	Hs.22452	Homo sapiens mRNA for KIAA1737 protein,	2.2
	404257				2.2

	437722	AW292947	Hs.122872	ESTs, Weakly similar to JU0033 hypotheli	2.2
	449133	AI631655	Hs.197919	ESTs	2.2
	456555	AW592167	Hs.293299	ESTs	2.2
5	408134	AK000184	Hs.42845	acid sphingomyelinase-like phosphodiester	2.2
	428192	AA424051	Hs.304742	ESTs	2.2
	435634	T62384		gb:yc14f05.r1 Stragene lung (937210) H	2.2
	438018	AK001160	Hs.5999	hypothetical protein FLJ10298	2.2
	446096	AI276454		gb:ql71a12.x1 Soares_NhlHMPu_S1 Homo sapi	2.2
10	448106	AI800470	Hs.171941	ESTs	2.2
	450232	BE300815	Hs.201326	ESTs	2.2
	436134	AK000618	Hs.123784	ESTs	2.2
	448466	AI522109	Hs.171066	ESTs	2.2
	420678	AW593288	Hs.3530	TLS-associated serine-arginine protein 2	2.2
15	430592	X80240		gb:HLsapiens endogenous retrovirus HERV-	2.2
	446453	AV658459	Hs.186646	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.2
	423611	AB011163	Hs.129908	KIAA0591 protein	2.2
	444050	AW138295	Hs.135024	ESTs	2.2
	431532	AI537817	Hs.270311	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.2
20	422669	H12402	Hs.119122	ribosomal protein L13a	2.2
	403388				2.2
	403780				2.2
	419423	D25488	Hs.90315	KIAA0007 protein	2.2
	424719	H90452		gb:yu01c03.r1 Soares fetal liver spleen	2.2
25	431453	AW753917		gb:RCO-CT0299-291199-031-F02 CT0299 Homo	2.2
	442078	AW268583	Hs.262629	ESTs	2.2
	452975	M85521	Hs.244482	Homo sapiens, clone IMAGE:3611719, mRNA,	2.2
	426197	AA004410	Hs.100009	acyl-Coenzyme 1, palmitoyl	2.2
	427119	AW880562	Hs.114574	ESTs	2.2
	400486				2.2
30	448482	AW294078	Hs.171092	ESTs	2.2
	402621				2.2
	408363	NM_003389	Hs.44386	coronin, actin-binding protein, 2A	2.2
	424584	H10692	Hs.13310	ESTs	2.2
35	445061	AI263094	Hs.145227	ESTs	2.2
	431065	AA491286	Hs.128792	ESTs	2.2
	411908	L27943	Hs.72924	cytidine deaminase	2.2
	441826	AW503603	Hs.129915	phosphotriesterase related	2.2
	446901	AI347274		gb:tc05d02.x1 NCL_CGAP_Co16 Homo sapiens	2.2
40	422677	AL046388	Hs.208206	hypothetical protein FLJ21162	2.2
	455534	AW991925		gb:PM3-BN0011-130100-002-b07 BN0011 Homo	2.2
	400163				2.2
	418882	NM_004996	Hs.89433	ATP-binding cassette, sub-family C (CFTR	2.2
	409206	AW364844		gb:QV3-DT0044-221299-045-c03 DT0044 Homo	2.2
45	410556	R32158		gb:yh67a07.s1 Soares placenta Nb2HP Homo	2.2
	432584	AA928829	Hs.47099	hypothetical protein FLJ21212	2.2
	439482	W70045	Hs.58089	ESTs	2.2
	447877	AI435184	Hs.164252	ESTs	2.2
	418297	R91254		gb:yp94e12.s1 Soares fetal liver spleen	2.2
50	403534				2.2
	410594	AW770778	Hs.281238	ESTs	2.2
	414000	BE242814	Hs.323494	ESTs, Weakly similar to T27544 zinc resi	2.2
	432762	NM_014099	Hs.278924	PRO1768 protein	2.2
	437606	AA761694	Hs.122440	ESTs	2.2
55	436550	AW976002	Hs.268402	ESTs	2.2
	439626	N22415	Hs.189080	ESTs	2.2
	444540	AI693827	Hs.265165	ESTs	2.2
	450024	AA005129		gb:zh80h08.r1 Soares_fetal_liver_spleen_	2.2
	456481	AA258033	Hs.108110	DKFZP547E2110 protein	2.2
60	435138	BE314734		gb:601152976F1 NIH_MGC_19 Homo sapiens c	2.2
	412887	BE007420		gb:PM3-BN0142-200300-001-c04 BN0142 Homo	2.2
	454204	AW816498		gb:QV0-ST0236-171299-075-b02 ST0236 Homo	2.2
	408253	AW807476	Hs.21051	Homo sapiens mRNA for FLJ00012 protein,	2.2
	432887	AI926047	Hs.162859	ESTs	2.2
65	448053	AI459108	Hs.159818	ESTs	2.2
	416171	H23896	Hs.125790	leucine-rich repeat-containing 2	2.2
	433098	AW190593	Hs.151143	ESTs	2.2
	409781	AW812266	Hs.15220	zinc finger protein 106	2.2
	423441	R88649	Hs.278359	absent in melanoma 1 like	2.2
70	423846	H02364		gb:yl35d06.r1 Soares placenta Nb2HP Homo	2.2
	436572	AA723274	Hs.279595	ESTs	2.2
	447044	AF030107	Hs.17165	regulator of G-protein signalling 13	2.2
	448828	AI580296	Hs.174782	ESTs, Weakly similar to KIAA1437 protein	2.2
	444585	AW170015	Hs.6594	ESTs	2.2
75	437334	AL353947	Hs.283780	hypothetical protein DKFZp761N1814	2.2
	431917	D16181	Hs.2868	peripheral myelin protein 2	2.2
	400843				2.2
	455688	BE067238		gb:PM1-BT0348-151299-001-a12 BT0348 Homo	2.2
	449560	AA001767	Hs.17924	ESTs, Moderately similar to ALU1_HUMAN A	2.2
80	408940	M56583	Hs.662	cerebellin 1 precursor	2.2
	455201	AW947884		gb:PM1-MT0010-200300-001-g08 MT0010 Homo	2.2
	413617	BE155373	Hs.279518	amyloid beta (A4) precursor-like protein	2.2
	459495	BE544158		gb:601076707F1 NIH_MGC_12 Homo sapiens c	2.2
	433225	AW816515	Hs.173540	ATPase, Class V, type 10D	2.2

	444547	AV650207	Hs.282437	ESTs, Weakly similar to I38022 hypothe	2.2
	417156	N49476	Hs.165563	replication factor C (activator 1) 1 [14	2.2
	416761	H65422	Hs.108566	ESTs	2.2
5	408867	AA437199	Hs.656	cell division cycle 25C	2.2
	406748	AW339106	Hs.217493	annexin A2	2.2
	427443	AA402713	Hs.97872	ESTs	2.2
	452843	AI796769	Hs.208320	ESTs	2.2
	427473	AW274439	Hs.252709	ESTs	2.2
10	433919	AA746311		gb:aa56d12.r1 NCLCGAP_GCB1 Homo sapiens	2.2
	431058	AW968665		gb:EST380941 MAGE resequencas, MAGJ Homo	2.2
	428679	AA431785		gb:zw80c03.s1 Soares_testis_NHT Homo sap	2.2
	415250	F02614	Hs.27319	ESTs	2.2
	440253	AI651329	Hs.160289	ESTs	2.2
	434470	AA634818	Hs.298138	ESTs	2.2
15	418849	AW474547	Hs.53565	Homo sapiens PIG-M mRNA for mannosyltran	2.2
	432463	AA548518	Hs.186733	ESTs	2.2
	400861				2.2
	407287	AI678812		gb:tw59d08.x1 NCLCGAP_Gas4 Homo sapiens	2.2
20	414817	AW902892	Hs.23782	hypothetical protein FLJ12847	2.2
	416143	AI955650	Hs.79033	glutaminyl-peptide cyclotransferase (glu	2.2
	449808	AA694220	Hs.15403	ESTs, Moderately similar to ALU7_HUMAN A	2.2
	412314	AA825247	Hs.250899	heat shock factor binding protein 1	2.2
	442952	AI743261	Hs.131860	ESTs	2.2
	425187	AW014486	Hs.22509	ESTs	2.2
25	408221	AA912183	Hs.47447	ESTs	2.2
	411480	AW848022		gb:IL3-CT0214-231299-053-A09 CT0214 Homo	2.2
	459681				2.2
	414784	NM_000344	Hs.288986	survival of motor neuron 1, telomeric	2.2
30	442726	AW136066	Hs.19145	ESTs	2.2
	450433	AW444538	Hs.231863	ESTs	2.2
	437642	AL078309		gb:Homo sapiens mRNA full length insert	2.2
	408298				2.2
	408723	AW885757	Hs.257862	ESTs	2.2
35	433266	AI863224	Hs.31476	Homo sapiens cDNA FLJ13872 6s, clone TH	2.2
	435090	BE217923	Hs.149595	ESTs	2.2
	457187	AA443927	Hs.144360	EST	2.2
	446534	AI307356	Hs.175225	ESTs	2.2
	403764				2.2
40	442735	R91948		gb:yq06h06.s1 Soares fetal liver spleen	2.2
	455221	AW867751		gb:MR0-SN0038-290300-001-a03 SN0038 Homo	2.2
	405965				2.2
	408420	NM_006916	Hs.44766	retinitis pigmentosa 2 (X-linked recessi	2.2
	441679	BE502267	Hs.65996	ESTs	2.2
45	432781	NM_014133	Hs.278940	PRC0018 protein	2.2
	448470	AW026226	Hs.309479	ESTs	2.2
	419637	W27493		gb:31h10 Human retina cDNA randomly prim	2.2
	443180	R15875	Hs.258576	claudin 12	2.2
	422213	AA308385	Hs.133160	ESTs	2.2
	423119	AA322201	Hs.131976	ESTs	2.2
50	460192	AA263143	Hs.24596	RAD51-interacting protein	2.2
	428042	AA419529	Hs.76391	myxovirus (influenza) resistance 1, homo	2.2
	400734				2.2
	430499	AW969408	Hs.231991	ESTs	2.2
55	451134	AA318315	Hs.25599	hypothetical protein FLJ22195	2.2
	401694				2.2
	423531	AW752782	Hs.129750	hypothetical protein FLJ10546	2.2
	424419	AK001563	Hs.146589	hypothetical protein FLJ10701	2.2
	431364	AW971382	Hs.294016	ESTs, Moderately similar to B34087 hypot	2.2
60	436840	AA724411	Hs.156066	ESTs	2.2
	436802	N34488	Hs.170504	ESTs	2.2
	443994	AI094805	Hs.135522	ESTs, Weakly similar to S38038 hypothe	2.2
	445808	R13580	Hs.13436	Homo sapiens clone 24425 mRNA sequence	2.2
	446412	AW135313	Hs.150098	ESTs	2.2
65	446390	AL035414	Hs.21088	hypothetical protein	2.2
	449939	T86420	Hs.272139	ESTs	2.2
	412700	BE222433	Hs.201262	ESTs, Weakly similar to I38022 hypothe	2.2
	453125	AW779544	Hs.116497	hypothetical protein FLJ22655	2.2
	422757	AI908935	Hs.66551	Homo sapiens, Similar to DNA segment, Ch	2.2
70	452864	AA033714	Hs.287629	hypothetical protein FLJ14260	2.2
	452441	BE222078	Hs.113069	ESTs	2.2
	402395				2.2
	459659				2.2
	428186	AW504300	Hs.295605	mannosidase, alpha, class 2A, member 2	2.2
75	438432	AW444990	Hs.258800	ESTs, Weakly similar to I38022 hypothe	2.2
	409446	AI561173	Hs.67688	ESTs	2.2
	408764	BE087164	Hs.302415	ESTs	2.2
	408908	BE298227	Hs.250822	serine/threonine kinase 15	2.2
	414275	AW970264	Hs.889	Charot-Leyden crystal protein	2.2
80	436992	AA741074	Hs.120750	ESTs	2.2
	439634	W79377	Hs.167	microtubule-associated protein 2	2.2
	444199	AI128931	Hs.260681	ESTs, Moderately similar to ALU7_HUMAN	2.2
	446009	AI989885	Hs.231926	ESTs	2.2
	435510	BE143837		gb:MR0-HT0164-151299-012-b08 HT0164 Homo	2.1

	403691				2.1
	458333	AJ000792	Hs.108209	ESTs	2.1
	454560	AW807281		gb:MR4-ST0062-240300-003-g01 ST0062 Homo	2.1
5	439343	AF086161	Hs.114611	hypothetical protein FLJ11808	2.1
	421498	AA292084	Hs.191575	ESTs, Moderately similar to ALU2_HUMAN A	2.1
	414428	BE296906	Hs.182625	VAMP (vesicle-associated membrane protein	2.1
	406941	X58140		(NONE)	2.1
	445712	AM58246	Hs.167451	ESTs	2.1
10	451270	AW341392	Hs.235795	ESTs	2.1
	451403	AA885569	Hs.40919	Homo sapiens cDNA FLJ14511 fis, clone NT	2.1
	437073	A1885608	Hs.94122	ESTs	2.1
	434789	AW292515	Hs.194317	ESTs, Weakly similar to T08680 hypotheti	2.1
	430884	AF053748	Hs.248114	glial cell derived neurotrophic factor	2.1
15	446944	H05336	Hs.13480	Homo sapiens clone 24875 mRNA sequence	2.1
	405233				2.1
	446512	H30351	Hs.207982	ESTs	2.1
	403188				2.1
	404443				2.1
20	433645	A1821746	Hs.190258	ESTs, Moderately similar to ALU6_HUMAN A	2.1
	414455	H74314		gb:yu56e10.r1 Soares fetal liver spleen	2.1
	433479	AW511459	Hs.249972	ESTs	2.1
	455482	AW948353		gb:RC0-MT0015-130400-031-d07 MT0015 Homo	2.1
	445354	AB006624	Hs.14912	KIAA0286 protein	2.1
25	452004	A1827815	Hs.277359	ESTs	2.1
	405059				2.1
	425457	AW954212		gb:EST376285 MAGE resequences, MAGH Homo	2.1
	403317	U02687	Hs.385	fms-related tyrosine kinase 3	2.1
	413801	M62245	Hs.35406	ESTs, Highly similar to unnamed protein	2.1
30	415871	R55995	Hs.283309	ESTs, Moderately similar to ALU1_HUMAN A	2.1
	432774	AA564946	Hs.156280	ESTs	2.1
	436349	AM45255	Hs.115315	ESTs	2.1
	445532	BE138944	Hs.146200	ESTs	2.1
	456313	AA225741		gb:nc17b10.s1 NCL CGAP_Pr1 Homo sapiens	2.1
35	412818	NM_003337	Hs.811	ubiquitin-conjugating enzyme E2B (RAD6 h	2.1
	450271	A1693900	Hs.200820	ESTs	2.1
	401521				2.1
	422880	AF228704	Hs.121524	glutathione reductase	2.1
	448871	BE618709	Hs.159265	kruppel-related zinc finger protein hckr	2.1
40	449233	BE048401	Hs.196511	ESTs	2.1
	408217	A1433201	Hs.279860	tumor protein, translationally-controlled	2.1
	457003	S78234	Hs.172405	cell division cycle 27	2.1
	417448	AA203135	Hs.130186	ESTs	2.1
	402103				2.1
45	450579	AW136774	Hs.48614	ESTs	2.1
	429597	NM_003816	Hs.2442	a disintegrin and metalloproteinase doma	2.1
	455596	AA291834	Hs.78950	branched chain keto acid dehydrogenase E	2.1
	415333	H24415	Hs.13273	KIAA0692 protein	2.1
	457353	X65833	Hs.248144	melanocortin 2 receptor (adrenocorticotr	2.1
50	434985	AA658229	Hs.281229	ESTs	2.1
	414729	BE466928	Hs.281901	ESTs	2.1
	400510				2.1
	420844	AA595522		gb:nh22c09.s1 NCL CGAP_Pr1 Homo sapiens	2.1
	427434	BE538374	Hs.301732	hypothetical protein MGC5306	2.1
55	432188	A1362952	Hs.2928	solute carrier family 7 (cationic amino	2.1
	446296	AA585652	Hs.63131	Homo sapiens cDNA FLJ13155 fis, clone NT	2.1
	453853	AL040600	Hs.188083	ESTs	2.1
	469108	AW084178	Hs.223256	ESTs, Weakly similar to I38022 hypotheti	2.1
	430118	A1377255	Hs.183287	ESTs	2.1
60	456964	BE166924		gb:CM4-HT0501-240300-519-d01 HT0501 Homo	2.1
	437981	AA774445	Hs.192095	ESTs, Weakly similar to KIAA1397 protein	2.1
	439957	A1453184	Hs.66357	ESTs	2.1
	423734	H02217		gb:cyj38d11.r1 Soares placenta Nb2HP Homo	2.1
	450721	A1732271	Hs.25587	ESTs	2.1
65	429392	AL109712	Hs.286506	Homo sapiens mRNA full length insert cDN	2.1
	429966	AF092047	Hs.227277	same oculis homeobox (Drosophila) homolo	2.1
	432919	AL078800		gb:DKFZp434O2330_r1 434 (synonym: hba3)	2.1
	434791	AA649235	Hs.116457	ESTs, Weakly similar to NIP3_HUMAN BCL2	2.1
	445273	A1218441	Hs.153845	ESTs	2.1
	400514				2.1
70	412798	AW998657	Hs.119120	E3 ubiquitin ligase SMURF1	2.1
	418085	H18072	Hs.82576	ESTs	2.1
	437846	AA773886	Hs.244569	esophagus cancer-related gene-2	2.1
	439391	AW975638	Hs.293490	ESTs, Weakly similar to I38022 hypotheti	2.1
75	428414	AL049880	Hs.184218	DKFZP564C152 protein	2.1
	429430	A1381837	Hs.155336	ESTs	2.1
	449589	AF228421	Hs.23889	DKFZP564A032 protein	2.1
	430909	AF034632	Hs.248126	G protein-coupled receptor 38	2.1
	453116	A1276680	Hs.146086	ESTs	2.1
80	416312	W02640	Hs.16247	ESTs, Weakly similar to 2004399A chromos	2.1
	423019	A1640185	Hs.283626	ESTs	2.1
	414007	A1733895	Hs.103813	ESTs	2.1
	459535	AV654907		gb:AV654907 GLC Homo sapiens cDNA clone	2.1
	448776	BE302464	Hs.30057	MRS2 (S. cerevisiae)-like, magnesium hom	2.1

	421279	AW664878	Hs.106645	ESTs	2.1
	443167	AI202009	Hs.132087	ESTs	2.1
	459124	AW301476	Hs.134592	protein kinase, lysine deficient 1	2.1
5	448078	AI460117	Hs.170464	ESTs, Highly similar to A53933 myosin I	2.1
	436858	BE545498		gb:601078344F1 NIH_MGC_12 Homo sapiens c	2.1
	430521	NM_016383	Hs.242183	HOM-TES-85 tumor antigen	2.1
	431089	BE041395	Hs.283676	ESTs, Weakly similar to unknown protein	2.1
	407401	AF029325		gb:Homo sapiens laminin beta-4 chain pre	2.1
10	426338	AA375802		gb:EST88135 HSC172 cells II Homo sapiens	2.1
	451124	AI188203	Hs.31432	cardiac ankyrin repeat protein	2.1
	425541	AA359119		gb:EST68172 Fetal lung II Homo sapiens c	2.1
	406504				2.1
	410626	BE407727		gb:601299771F1 NIH_MGC_21 Homo sapiens c	2.1
15	415186	AA160945	Hs.14479	Homo sapiens cDNA FLJ14199 fis, clone NT	2.1
	416175	H24230	Hs.271498	ESTs, Moderately similar to ALU1_HUMAN A	2.1
	436820	AI684535	Hs.200811	ESTs	2.1
	442095	AI733162	Hs.128470	ESTs	2.1
	451878	AI821027	Hs.8429	ESTs	2.1
20	449178	AI633748	Hs.197597	ESTs	2.1
	427307	AF117947	Hs.174795	PDZ domain-containing guanine nucleotide	2.1
	415857	AA866115	Hs.127787	Homo sapiens cDNA FLJ11381 fis, clone HE	2.1
	425154	NM_001851	Hs.154850	collagen, type IX, alpha 1	2.1
	449746	AI668594	Hs.176588	ESTs, Weakly similar to CP4Y_HUMAN CYTOC	2.1
25	441543	AI733014	Hs.269715	ESTs	2.1
	403665				2.1
	428811	AA436052	Hs.99487	ESTs	2.1
	451803	BE541174	Hs.252058	ESTs, Moderately similar to PC4259 femi	2.1
	442905	AW295888	Hs.170939	ESTs	2.1
30	409171	R17126		gb:yg09c11.r1 Soares infant brain 1N1B H	2.1
	414175	AI308876	Hs.103849	hypothetical protein DKFZp761D112	2.1
	450785	AA852713	Hs.25459	Homo sapiens, alpha-1 (VI) collagen	2.1
	412039	AW887384		gb:RC0-OT0089-130300-021-007 OT0089 Homo	2.1
	453055	AW291436	Hs.31917	Homo sapiens, clone MGC:9658, mRNA, comp	2.1
35	443268	AI800271	Hs.129445	hypothetical protein FLJ12496	2.1
	455022	AW850845		gb:IL3-CT0220-111199-028-D11 CT0220 Homo	2.1
	447972	AL137275	Hs.20137	hypothetical protein DKFZp434P0118	2.1
	422942	AF054839	Hs.122540	tetraspan 2	2.1
	400451				2.1
40	406668	T62745	Hs.184411	albumin	2.1
	450159	AI702416	Hs.200771	ESTs, Moderately similar to A Chain A, T	2.1
	404834				2.1
	448732	BE614063	Hs.334689	KIAA1838 protein	2.1
	423453	AW450737	Hs.128791	CGI-08 protein	2.1
45	421447	AB005216	Hs.104481	Nck, Ash and phospholipase C binding pro	2.1
	406774	AW270899	Hs.254569	ESTs, Weakly similar to B34087 hypothei	2.1
	419986	AI345455	Hs.78915	GA-binding protein transcription factor,	2.1
	405732				2.1
	417848	AA206581	Hs.39457	ESTs, Weakly similar to JC6314 CDC28/cdc	2.1
50	442875	BE623003	Hs.23625	Homo sapiens clone TCCCTA00142 mRNA sequ	2.1
	420344	BE463721	Hs.97101	putative G protein-coupled receptor	2.1
	455778	BE068746		gb:CM2-BT0693-210300-123-d09 BT0693 Homo	2.1
	426953	AI769281	Hs.97439	ESTs	2.1
	440454	AI733037	Hs.129990	ESTs	2.1
55	433917	AI808325	Hs.122814	Human DNA sequence from clone RP5-1028D1	2.1
	424872	AA347923		gb:EST54302 Fetal heart II Homo sapiens	2.1
	454658	AW812330	Hs.11123	DKFZP664G092 protein	2.1
	441963	AI733307	Hs.128002	ESTs	2.1
	439498	AA908731	Hs.58297	CLL18 protein	2.1
60	458224	AW292905	Hs.128770	ESTs	2.1
	413525	BE145899		gb:MR0-HT0208-221299-204-b10 HT0208 Homo	2.1
	444702	AI220122	Hs.326560	hypothetical protein MGC2780	2.1
	417787	R14948	Hs.23883	ESTs	2.1
	400612				2.1
65	410878	AW809201	Hs.314248	ESTs, Weakly similar to ALU4_HUMAN ALU 8	2.1
	414494	AA768491	Hs.6783	hypothetical protein FLJ22724	2.1
	427027	AI924294	Hs.173259	uncharacterized bone marrow protein BM03	2.1
	451067	BE172186		gb:MR0-HT0559-110300-005-h11 HT0559 Homo	2.1
	455032	AI830890	Hs.192422	ESTs	2.1
70	417945	R29072		gb:F1-101D 22 week old human fetal liver	2.1
	438268	AA782163	Hs.293502	ESTs	2.1
	424764	R09692		gb:Y23b12.r1 Soares fetal liver spleen	2.1
	404589				2.1
	459655				2.1
	402455				2.1
75	459278	AW294659	Hs.34054	Homo sapiens cDNA: FLJ22488 fis, clone H	2.1
	421987	AI133161	Hs.286131	CGI-101 protein	2.1
	400339	X57131	Hs.248209	H2A histone family, member F, pseudogene	2.1
	438206	AA780386	Hs.187885	ESTs	2.1
	458451	AW297181	Hs.195922	ESTs	2.1
80	447534	AW953935	Hs.30837	ESTs	2.1
	417687	AI828598	Hs.250691	ESTs	2.1
	412717	W00973	Hs.334728	ESTs	2.1
	405759				2.1

	406413				2.1
	442081	AA401863	Hs.22380	ESTs	2.1
	457938	AI373638	Hs.133900	ESTs	2.1
5	420687	AA279392	Hs.88605	Homo sapiens cDNA FLJ13427 fis, clone PL	2.1
	428822	W28418	Hs.30715	potassium voltage-gated channel, Isk-rel	2.1
	415635	F13168		gb:HSC3JF101 normalized infant brain cDN	2.1
	411421	BE272110	Hs.21177	ESTs	2.1
	437825	AA769123	Hs.291947	ESTs	2.1
10	437083	AW082597	Hs.244862	ESTs	2.1
	409466	AA436207	Hs.226666	ESTs, Moderately similar to IS4374 gene	2.1
	433523	H29882	Hs.162514	ESTs	2.1
	446868	AV660737	Hs.135100	ESTs	2.1
	445882	AI948717	Hs.225155	ESTs, Weakly similar to A46302 PTB-associ	2.1
15	438005	BE151746		gb:PM1-HT0305-061299-003-e06 HT0305 Homo	2.1
	408817	AI936028		gb:wo47a09.x1 NCL CGAP_Gas4 Homo sapiens	2.1
	410496	AW235094	Hs.69233	zinc finger protein	2.1
	411940	AW876685		gb:CM4-PT0031-180200-507-e05 PT0031 Homo	2.1
	412446	AI768015	Hs.92127	ESTs	2.1
20	457289	AW573204	Hs.137078	ESTs	2.1
	400335	Y13187	Hs.248067	Homo sapiens dmd gene, intron 11	2.0
	435959	AW296243	Hs.118375	ESTs	2.0
	448188	AW001835	Hs.13323	hypothetical protein FLJ22059	2.0
	418339	AA639902	Hs.104215	ESTs, Moderately similar to SPCN_HUMAN S	2.0
25	420430	AI703192		gb:wd92h04.x1 NCL CGAP_Lu24 Homo sapiens	2.0
	445717	AW564658	Hs.149332	ESTs	2.0
	451862	H09260	Hs.32333	ESTs	2.0
	459566				2.0
	441998	BE349537	Hs.38383	ESTs	2.0
30	412194	AW900282	Hs.115412	hypothetical protein FLJ13881	2.0
	444229	AV648613	Hs.282397	ESTs	2.0
	441635	AI908538	Hs.133000	ESTs, Weakly similar to S26689 hypotheti	2.0
	421367	AF059566	Hs.103983	solute carrier family 5 (sodium iodide s	2.0
	414373	AW162907	Hs.75969	proline-rich protein with nuclear target	2.0
35	428209	AA424197	Hs.88947	ESTs, Weakly similar to S33496 trypsin [	2.0
	443520	W80022	Hs.186809	ESTs, Highly similar to LCT2_HUMAN LEUKO	2.0
	409248	AB033035	Hs.51965	KIAA1209 protein	2.0
	444518	AI160278	Hs.146884	ESTs	2.0
	422237	M13149	Hs.1498	histidine-rich glycoprotein	2.0
40	408316	U28251	Hs.53237	ESTs, Highly similar to Z169_HUMAN ZINC	2.0
	402725				2.0
	413783	AA314337	Hs.301547	ribosomal protein S7	2.0
	423867	AA331886		gb:EST35757 Embryo, 8 week I Homo sapien	2.0
45	425008	AW675764	Hs.174248	ESTs	2.0
	427271	AW195922	Hs.188758	connexin 59	2.0
	444102	AV647953	Hs.83077	Interleukin 18 (interferon-gamma-inducin	2.0
	445829	AI452457	Hs.145526	ESTs	2.0
	452366	AK000464	Hs.29276	hypothetical protein FLJ20457	2.0
50	457862	AF116656	Hs.273809	Homo sapiens PRO1157 mRNA, complete cds	2.0
	429540	M65776		gb:EST02297 Fetal brain, Stratagene (cat	2.0
	458436	AA485036	Hs.190124	ESTs	2.0
	409840	AW502122		gb:UL-HF-BRDp-ajr-c-DB-Q-UI.r1 NIH_MGC_5	2.0
	441025	AA913880	Hs.176379	ESTs	2.0
55	457802	T78013	Hs.167279	FYVE-finger-containing Rab5 effector pro	2.0
	445627	AW818475	Hs.7363	ESTs	2.0
	440289	AI871778	Hs.250112	ESTs	2.0
	401236	H24185	Hs.92918	hypothetical protein	2.0
	429998	N90822	Hs.48969	ESTs	2.0
60	455135	AW857089		gb:PM2-CT0328-281299-003-e04 CT0328 Homo	2.0
	411537	BE073250		gb:MR0-BT0561-050300-102-e05 BT0561 Homo	2.0
	433449	AW772282		gb:h71b05.x1 NCL CGAP_Kid11 Homo sapien	2.0
	454197	BE140966		gb:MR0-HT0065-061199-002-b06 HT0065 Homo	2.0
	445297	BE544163	Hs.87128	hypothetical protein FLJ23309	2.0
	403977				2.0
65	458948	AI695359	Hs.280943	ESTs	2.0
	418653	AK001100	Hs.41690	desmocollin 3	2.0
	411479	AW848047		gb:IL3-CT0214-291299-052-A12 CT0214 Homo	2.0
	426536	AI949749	Hs.44441	ESTs	2.0
	442765	BE567353	Hs.99480	ESTs	2.0
70	408859				2.0
	405829				2.0
	411863	BE075244	Hs.12420	ESTs	2.0
	415258	AW752247	Hs.293853	ESTs	2.0
75	416093	R60685	Hs.268898	ESTs, Moderately similar to ALLC_HUMAN 1	2.0
	416184	R48481	Hs.269177	ESTs, Weakly similar to ALU6_HUMAN ALU S	2.0
	437733	AI792574	Hs.122876	ESTs	2.0
	453118	AW195849	Hs.252757	ESTs	2.0
	457039	H29990	Hs.101937	shc oculls homeobox (Drosophila) homolo	2.0
80	444292	AI139794	Hs.146569	ESTs	2.0
	431360	NM_000427	Hs.251680	forixin	2.0
	407644	D16815	Hs.37288	nuclear receptor subfamily 1, group D, m	2.0
	412029	AW886238		gb:RC5-OT0078-280300-022-F01 OT0078 Homo	2.0
	438522	AA809431	Hs.258886	ESTs	2.0
	422634	NM_016010	Hs.118821	CGI-62 protein	2.0

	418790	H95693		gb:yt95d11.s1 Soares_pineal_gland_N3HPG	2.0
	442950	AI500417	Hs.46764	ESTs	2.0
	457040	N77624	Hs.173717	phosphatidic acid phosphatase type 2B	2.0
5	436464	AI016176	Hs.269783	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.0
	402674				2.0
	408733	AW264812	Hs.254290	ESTs	2.0
	408767	AA057279	Hs.211928	ESTs	2.0
	432801	NM_016260	Hs.278963	zinc finger DNA binding protein Helios	2.0
10	418205	L21715	Hs.83760	troporin I, skeletal, fast	2.0
	404604				2.0
	413827	BE182082	Hs.246973	ESTs	2.0
	402341				2.0
	438090	AA777534	Hs.191992	ESTs	2.0
15	421303	T06464		gb:EST04353 Fetal brain, Stratagene (cat	2.0
	411417	AW845481		gb:MR1-CT0056-201199-008-b04 CT0056 Homo	2.0
	401986				2.0
	416318	T06544		gb:EST04433 Fetal brain, Stratagene (cat	2.0
	417756	Z43056		gb:HSC129021 normalized infant brain cDN	2.0
20	418301	AW976201	Hs.53913	hypothetical protein FLJ10252	2.0
	433755	AW085934	Hs.120868	ESTs	2.0
	435413	AI267476	Hs.46669	ESTs	2.0
	435848	H24347	Hs.27524	ESTs	2.0
	447555	AI391682	Hs.160963	Homo sapiens, clone MGC:12318, mRNA, com	2.0
25	456175	AW296024	Hs.150434	ESTs	2.0
	458433	AL135352	Hs.255883	ESTs, Weakly similar to I38022 hypothet	2.0
	446595	T57448	Hs.15467	hypothetical protein FLJ20725	2.0
	447678	BE385257	Hs.336457	Homo sapiens dopamine receptor interacti	2.0
	448160	AI472167	Hs.302739	ESTs	2.0
30	453445	AL036532	Hs.91453	ESTs	2.0
	444420	AI148157	Hs.146766	ESTs	2.0
	431956	AK002032	Hs.272245	Homo sapiens cDNA FLJ11170 fis, clone PL	2.0
	413758	BE162391		gb:PM2-HT0451-090100-002-004 HT0451 Homo	2.0
	428231	U17989	Hs.183105	nuclear autoantigen	2.0
35	455873	BE152239		gb:QV4-HT0316-091199-028-112 HT0316 Homo	2.0
	430970	AI018210	Hs.144083	ESTs	2.0
	412277	BE277592	Hs.73799	guanine nucleotide binding protein (G pr	2.0
	413025	AA805265	Hs.291846	ESTs	2.0
	424083	AF055018	Hs.139137	Homo sapiens clone 24442 mRNA sequence	2.0
40	427654	AA410183	Hs.137475	ESTs	2.0
	410483	BE163567		gb:QV3-HT0460-230200-101-b08 HT0460 Homo	2.0
	423342	AF209704	Hs.135723	glycolipid transfer protein	2.0
	430340	AA476777		gb:zw94g11.r1 Soares_fetal_fetus_Nb2HF8_	2.0
	425886	M73531	Hs.1937	retinal degeneration, slow (retinitis pi	2.0
45	425075	AA506324	Hs.1852	acid phosphatase, prostate	2.0
	400285				2.0
	405966				2.0
	407407	AF050198		gb:Homo sapiens putative mitochondrial s	2.0
	411459	BE142707		gb:MR0-HT0157-191199-002-g12 HT0157 Homo	2.0
50	415105	D60166		gb:HUM089G11B Clontech human fetal brain	2.0
	434531	AA642007	Hs.116369	ESTs	2.0
	447153	AA805202	Hs.315562	ESTs	2.0
	447185	AW377092	Hs.89601	hypothetical protein FLJ12553	2.0
	455696	BE067870		gb:RC0-BT0362-021299-031-b06 BT0362 Homo	2.0
55	456510	AK001652	Hs.99423	ATP-dependent RNA helicase	2.0
	400817	AF151064	Hs.36069	hypothetical protein	2.0
	418647	AA226198		gb:nc26a07.s1 NCLCGAP_Pr1 Homo sapiens	2.0
	401785				2.0
	433417	AA587773	Hs.8859	Homo sapiens, Similar to RIKEN cDNA 5830	2.0
60	420777	AA280223	Hs.130865	ESTs	2.0
	439509	AF086332	Hs.58314	ESTs	2.0
	430203	L36140	Hs.235069	RecQ protein-like (DNA helicase Q1-like)	2.0
	450382	AA397658	Hs.60257	Homo sapiens cDNA FLJ13698 fis, clone PL	2.0
	455540	BE080231		gb:RC4-BT0629-120200-012-f11 BT0629 Homo	2.0
65	437620	AW976930	Hs.128760	ESTs	2.0
	407528	X84990		gb:Hsapiens mRNA HTPCRX18 for olfactory	2.0
	402048				2.0
	403823				2.0
	411518	AW850246		gb:IL3-CT0219-281099-021-E07 CT0219 Homo	2.0
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	422600	BE143586	Hs.87	retinoblastoma-like 1 (p107)	2.0
	423347	AI660412	Hs.234557	ESTs	2.0
	424560	AA158727	Hs.150555	protein predicted by clone 23733	2.0
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Table 31B

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	423532	229362_1	AW864848 AA322213 AA322209 AW961624
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	454197	1050392_1	BE140966 BE140961 BE140967 BE141006 BE140985 BE140970 BE141669 BE141653 BE141664 BE141655 BE141661 BE141660 BE140969
			BE141673 BE141650 BE141674 BE141550 BE141688 AW178241 BE140994 BE141666 BE140998 BE141008 BE140988 BE141011 BE140975
			BE141667 BE141675 BE141667 BE141681 BE141656 BE141672 BE141680 AW178237 BE141012 BE140990 BE141658 BE141648 BE141013
			BE141668 BE140973 BE141004 BE140963 BE140984 BE141009 AW178232 BE141007 BE141649 AW178293 BE140993 AW178233 BE141646
10			BE141005 BE141691 BE141000 BE141652 BE140965 BE141562 BE140960 BE140962 BE141001 BE140976 AW178229 AW178239 BE141671
			AW178230 BE141547 AW178235 BE141663 BE141549 BE140996 BE141003 AW178235 BE141002 BE141556
	454204	1050597_1	AW816498 AW808791 AW808515 AW808379 AW808532 AW808605 AW808977 AW808816 AW178676 AW178485 AW808514 AW178483
			AW178485 AW809007 AW808524
	454314	1108181_1	AW384844 AW364847 AW937534 AW937593 AW937659
15	454352	1129667_1	AW389668 AW389657 AW609198 AW389649
	454423	1183079_1	AW603985 AW854350
	454447	1204985_1	BE163567 BE073689 BE073747 BE073780 BE073739 BE073748 BE163495 AW750178 BE163491 BE073763 BE073671
	454458	1207088_1	AW809084 AW752836 M86124
	454482	1215087_1	BE147919 AW794884 BE147847
20	454560	1223940_1	AW807261 AW807092 AW807425 AW807330 AW807174 AW807171 AW807274 AW807278 AW807367
	454564	1224407_1	AW807573 AW807566 AW807572
	454566	1224432_1	AW807605 AW807690 AW807839 AW807752 AW807673 AW807667 AW807955 AW807760 AW807615 AW807898 AW807849 AW807821
			AW807832 AW807842 AW807827 AW807822 AW807829 AW807830 AW807825 AW807603 AW807612 AW807908 AW807595 AW807617
			AW807678 AW807687 AW807918 AW807921 AW807596 AW807602 AW807686 AW807609 AW807684 AW807770 AW807593 AW807754
			AW807679 AW807957 AW807683 AW807763 AW807902 AW807840 AW807619 AW807836 AW807769 AW807685 AW807847 AW807874
			AW807686 AW807670 AW807917 AW807677 AW807680 AW807900 AW807669 AW807952 AW807907 AW807846 AW807756 AW807835
			AW807608 AW807753 AW807601 AW807956
	454597	1226059_1	AW809548 AW809704 AW809643 AW809653 AW809709 AW809849 AW809939 AW810010 AW809705 AW809950 AW809822 AW809667
			AW810093 AW810076 AW809673 AW810349 AW809895
30	454633	1227504_1	AW811380 AW811385
	454716	1230503_1	AW850684 AW850150
	454747	1233005_1	AW818635 AW818588 AW818651
	454754	1233580_1	AW819191 AW819252 AW819183 AW819175 AW819177 AW819186 AW819180 BE158470 AW819242 AW819269 AW819244 AW819190
			AW819265 AW819268 AW819246 BE152602 AW819249 AW819251 AW819263 AW819194
35	454767	1234028_1	BE069199 AW938012 AW877468 AW818782 AW835798 AW835546 AW936042 BE069121 AW835625 AW877536 AW935885 BE069202
			AW820019 AW936937 BE160180 AW935946 BE069101 BE069125 AW877527 BE160316 BE160398 AW935794 AW835701 AW935784
	454778	1234343_1	AW820199 AW820434 BE174743
	454784	1234630_1	AW820626 AW820621 AW820608
	454790	1234752_1	AW820852 AW820773 AW821088
40	454838	1238509_1	AW833711 AW833620 AW833699
	454864	1237829_1	AW835775 AW845768 AW845764 AW845773 AW845757 AW845758 AW845780
	454938	1245635_1	AW846134 AW846467 AW846468 AW846388 AW846461 AW846211 AW846179 AW845205 AW846320 AW846379 AW846367 AW846561
			AW846556
	454962	1246780_1	AW847845 AW847791 AW854083 AW853945
45	455022	1249160_1	AW850845 BE144010 AW855164
	455121	1254339_1	BE156459 BE156469 BE156488 AW857447
	455135	1254729_1	AW857989 AW858016 AW861677 AW861689 AW861691 AW861691
	455170	1256906_1	AW860972 AW862598 AW862599 AW860988 AW860983 AW860988 AW860925 AW860922 AW860986 AW860984 AW860989
	455201	1259748_1	AW947884 AW947918 AW947888 AW947883 AW947897 AW947910 AW947905 AW864751 AW947878
50	455219	1261640_1	AW879403 AW887707
	455221	1261678_1	AW867751 AW867770 AW867763
	455236	1265862_1	AW875972 AW875983 AW875974 AW876000 AW875986 AW876050
	455252	1266222_1	AW876627 AW876630 AW876631 AW876625
	455255	1268482_1	AW877139 AW877135 AW877018 AW991835 AW877128 AW877108 AW877017 AW877107
55	455275	1272255_1	AW877806 AW887923 AW886321
	455280	1272807_1	AW886156 AW887926 AW886324 AW886236 AW887906 AW886304
	455310	1278159_1	AW893961 AW893988 AW894034 AW894019
	455328	1280063_1	AW896438 AW898534 AW898500 AW898540 AW898446
	455484	1292643_1	AW983901 AW984485 AW947716
60	455482	1293183_1	AW948353 AW948351 AW948331 AW948303 AW948336 AW948305 AW948299 AW948346 AW948352
	455488	129372_1	AA102322
	455511	1321229_1	BE144762 AW979091
	455634	1322942_1	AW991925 AW991919
	455640	1323701_1	BE080231 AW993284 AW993293 AW993000
65	455658	1325858_1	AW995423 AW995373
	455671	1331885_1	BE003714 BE003721 BE003720 BE003716
	455687	1335046_1	BE007829 BE007815 BE007822 BE007998 BE007835 BE007837 BE007824 BE007836 BE007827
	455808	1337389_1	BE011437 BE011402 BE011395 BE011428 BE011407 BE011421 BE011406
	455875	1349859_1	BE065984 BE065942 BE065955 BE065085
70	455888	1350606_1	BE067238 BE067235 BE067240 BE067256 BE067263 BE067236 BE067260 BE067253 BE067248 BE067252
	455896	1351077_1	BE067870 BE067868 BE165133 BE165334 BE165329 BE165332
	455747	1356877_1	BE074910 BE074913 BE074911 BE074903 BE074892 BE074935
	455756	1358603_1	BE075307 BE079309
	455778	1364506_1	BE088746 BE088802 BE088755 BE088876 BE088947 BE088881 BE088952
75	455780	1364580_1	BE088828
	455849	1375441_1	BE146868 BE146865 BE146867
	455851	1375451_1	BE146879 BE146914 BE146918
	455866	1377119_1	BE149024 BE149056 BE152826 BE149025 BE149057 BE152019 BE149030 BE149062 BE149023 BE149055
	455873	1379498_1	BE152239 BE152242 BE152230
80	455880	1380022_1	BE153208 BE153146 BE152981
	455935	1384144_1	BE158887 BE158688
	455964	1389912_1	BE166924 BE166921 BE166925 BE166915 BE166970 BE166968
	455992	1398552_1	BE179015 BE178965 BE179010 BE179002 BE178961 BE179005 BE178964 BE179012 BE179011 BE178963 BE178997

	455993	1398665_1	BE179085 BE179084 BE179086 BE179264
	456186	1618818_1	W26642 H88394
	456313	177240_1	AA225741 AJ734056 AJ820965 AJ732153 AA259201 AA225731
5	456394	1843275_-2	W28506
	456407	184988_1	AW968614 AA243209 AA281411
	456476	191761_1	AA256753 AW626680
	457242	307984_1	AA457011 AJ978850
	457824	41515_6	R84938 AL047151 AA310309 AW063200 AI569528 AJ307623 N49975
10	458804	76803_1	AL157625 N72696 BE622492
	458890	812733_2	AW865523 AW865128 AW865467 AW865127 AW865465
	459160	920051_1	AJ904723 AJ904725 AJ904729 AJ904722 AJ904758 AJ904736
	459201	925883_1	AW391177 W45021

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TABLE 31C

20	Pkey:	Unique number corresponding to an Eos probe set
	Ref:	Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled "The DNA sequence of human chromosome 22." Dunham I. et al., Nature (1990) 402:489-495.
	Strand:	Indicates DNA strand from which exons were predicted.
	Nt_position:	Indicates nucleotide positions of predicted exons.

25	Pkey	Ref	Strand	Nt_position
	400451	8113550	Minus	82189-82320
	400462	9929659	Minus	197610-197785
	400486	8569885	Plus	181108-181605
30	400510	9796540	Minus	139633-139910,140469-140979
	400514	9796594	Minus	78844-79025,80850-80991,89754-89941,93750-93891
	400579	9887603	Plus	21323-21526
	400682	9887609	Plus	88642-88726,89716-89866
	400687	9887626	Plus	25435-25568,25668-26747
35	400698	9887666	Minus	96756-97558
	400812	9929646	Minus	151513-151662
	400613	9864507	Plus	92278-92472
	400641	8117693	Plus	4786-4992
	400643	8117693	Plus	12818-13016
40	400706	7249204	Minus	78299-78686
	400734	8118979	Plus	122853-123971
	400816	8569993	Plus	161221-162078
	400843	9188605	Plus	5853-5970,7653-7784,8892-9023,9573-9807,10634-10789,15254-15403,23827-23958
	400844	9188605	Plus	24746-24872,25035-25204
45	400859	9757499	Minus	91888-92018,98131-98294,99474-99570
	400861	9757506	Plus	163855-164016
	400889	9958234	Minus	169782-170036
	401078	3687273	Plus	105052-105171
	401098	9956518	Minus	85632-86174
50	401132	8705350	Minus	85679-85795
	401145	2547238	Plus	17589-17776
	401189	9690246	Minus	90815-90929
	401200	9743387	Minus	111586-111806,114791-114916,115419-115583,116351-116446,116847-116907,122653-123067,124982-125407
	401344	9926411	Minus	82478-82602,86952-87110
55	401361	9958052	Plus	153093-154106
	401365	9796180	Minus	119572-119672
	401449	8574316	Minus	144928-145030
	401497	7381770	Plus	92607-92813
	401521	7705251	Plus	9127-9234
60	401526	7770561	Plus	91570-93177
	401602	7689963	Plus	101096-101253
	401614	7639824	Plus	17350-17735
	401645	7657639	Minus	34986-35133
	401694	3540172	Minus	64056-64168
65	401775	9966311	Minus	110228-110340
	401785	7249190	Minus	165776-165995,166189-166314,168408-166569,167112-167268,167387-167469,168634-168942
	401882	8139716	Plus	66466-67077
	401887	7228981	Plus	93973-94120
	401986	4406829	Minus	31137-31293
70	401982	4153858	Plus	31452-31649
	402038	7684482	Minus	100751-100885
	402048	8072512	Plus	43936-44078
	402076	8117410	Plus	128316-128627
	402103	7249203	Plus	14453-15414
75	402131	7704961	Minus	33114-33209,33486-33678
	402176	7543687	Minus	10-750
	402230	9966312	Minus	29782-29932
	402333	8844110	Minus	165693-165856
	402341	7656696	Plus	22583-23699
80	402395	9929893	Minus	131016-131998
	402429	9796372	Minus	57622-57793,59282-59402,59624-59827
	402430	9796372	Minus	62382-62552
	402455	9796753	Minus	139540-139779,140568-140860
	402527	9900806	Plus	4722-4916,17858-18037,19964-20140,24423-24605,26639-26881

	402615	9926801	Plus	131390-132157
	402621	9930950	Plus	130806-131036
	402674	8077108	Minus	39290-39502
5	402725	8979991	Plus	107231-107393
	402790	4835258	Minus	147744-147861
	402867	5596716	Plus	52806-53106,53500-53818
	402953	9408724	Minus	122603-122743
	403003	5441423	Minus	79403-79560,79712-80021
10	403011	6693597	Minus	3468-3623
	403055	8964197	Minus	71615-71773,73930-74144
	403188	9838289	Minus	157818-157755
	403271	7230852	Plus	134283-134485
	403273	8018055	Plus	133809-134099
15	403281	8072630	Minus	7521-7728
	403296	8096530	Minus	35913-36520
	403310	8139936	Minus	183883-184026
	403329	8516120	Plus	96450-96598
	403341	8569175	Plus	30699-30910
20	403344	8569726	Plus	70823-70990
	403356	8569930	Plus	92839-93036
	403381	9438267	Minus	26009-26178
	403388	9438331	Plus	112733-113001,114599-114735
	403396	9438367	Minus	952-1160
25	403501	7534005	Minus	108903-110438
	403513	7659767	Minus	155310-155436,158402-158535
	403515	7659767	Minus	173358-179553
	403534	8076917	Minus	46652-47332
	403549	8081591	Minus	137150-137362
30	403568	8101145	Minus	85509-85658
	403574	8101156	Plus	5542-6176
	403519	8569810	Plus	62501-62653
	403523	8569879	Minus	3519-5426
	403525	8569879	Plus	6551-7111
35	403637	8671936	Minus	142647-142771,145531-145762
	403667	6850483	Minus	1344-1442,1545-1697
	403677	7331517	Minus	55008-55083,62860-63051
	403691	7387384	Minus	88280-88463
	403696	3135242	Minus	143467-143634
40	403743	7652003	Minus	136463-136646
	403760	7712202	Minus	45910-46260,47563-47824
	403764	7717105	Minus	118692-118853
	403776	7770611	Minus	1414-1513,1624-1756
	403780	8076989	Plus	93160-93409
45	403786	8083636	Minus	73028-73217
	403891	7331467	Minus	191508-193220
	403895	7381715	Minus	3502-4002,4070-4308
	403977	7657840	Minus	115573-115820
	404043	9558573	Plus	29042-29135,46597-46699
50	404059	3548785	Plus	104326-106788
	404076	9831752	Minus	3848-3967
	404196	3805917	Minus	67928-68109
	404249	8655533	Plus	64270-64633
	404257	8367215	Plus	15262-16227
55	404285	2326514	Plus	32282-32416
	404288	2789844	Plus	3512-3691
	404367	9965011	Minus	114391-114628
	404443	7579073	Minus	87198-87441
	404453	7657714	Plus	27768-29179
60	404476	8080699	Plus	101841-102043
	404513	8151941	Minus	112837-113339
	404561	9795980	Minus	69039-70100
	404569	7249169	Minus	104257-104348,104822-104970
	404577	4020145	Plus	17991-18420
65	404588	6456726	Minus	40059-40210
	404599	8705107	Plus	110443-110733
	404604	9212537	Minus	72019-72509
	404638	9796751	Minus	99433-99528,100035-100161
	404767	7882827	Minus	23244-23759
70	404789	7232206	Minus	61087-61590
	404822	3810614	Plus	7541-8132
	404834	6911603	Minus	37948-38226
	404845	7958980	Minus	47174-47326,52928-53146,53312-53602
	404898	7331420	Minus	177015-177328
75	404936	6850774	Plus	191519-191664
	404957	7407927	Plus	147512-148011
	405017	8532084	Plus	35551-35590
	405059	7656683	Plus	349-822
80	405090	8072525	Minus	38552-39202
	405093	8072575	Plus	95878-96020
	405120	8099940	Plus	140176-140340
	405170	8966524	Plus	37047-37188
	405229	7249019	Plus	51081-51701
	405230	7249032	Minus	97493-97682

	405233	7249045	Plus	9588-10065
	405241	7249178	Minus	69927-70526
	405264	7329374	Plus	28558-28684
	405287	3928029	Plus	69802-89999
5	405302	2078453	Minus	121688-121840
	405303	2078453	Minus	130607-130802
	405336	6094635	Plus	33267-33563
	405347	2979602	Minus	977-1116
	405385	6552772	Plus	48332-48454
10	405443	7408143	Plus	90716-90887,101420-101577
	405455	7656675	Plus	134112-134571
	405494	8050852	Minus	70284-70518
	405521	9454643	Plus	65096-85247,77509-77637,81242-81364,84246-84395
	405523	9454643	Plus	114550-114688,117265-117407,119490-119599,123237-123395,131140-131217
15	405547	1054740	Plus	124361-124520,124914-125050
	405605	5836185	Minus	117070-117270
	405608	5815499	Minus	66822-66925
	405629	4508116	Minus	101678-101866
	405634	5305288	Plus	17858-17957,18302-18412,18837-18927,22790-22989
20	405654	4895155	Minus	53624-53759
	405692	4314424	Plus	61379-62562
	405708	4166003	Plus	44307-44431,49619-49802
	405720	9797144	Plus	13409-13881
	405732	7534017	Plus	146981-147316
25	405759	3288022	Minus	18283-18399
	405780	7248203	Minus	48204-48371
	405784	7417368	Minus	77798-78000
	405829	7109593	Minus	15628-16127
	405869	6758731	Minus	89867-90358
30	405935	6758795	Minus	163112-163652
	405959	6758815	Plus	1-542
	405965	8247786	Minus	179930-180373
	405966	8247788	Minus	51762-51978
	405970	8247789	Minus	45795-46295
35	405981	8247790	Plus	4771-5338
	406005	8247801	Minus	39912-40220
	406053	8758997	Plus	30921-31532
	406073	9119160	Plus	60495-60610
	406091	9123919	Minus	197370-197935
40	406092	9123919	Plus	251370-251797,252168-252882
	406298	5686278	Minus	30084-30770
	406327	9212407	Plus	168241-168492
	406333	9213235	Plus	64889-64798
	406364	9256114	Minus	50715-50833
45	406377	9256135	Plus	126826-126979,129755-129942
	406413	9256407	Plus	43858-44003,46993-47136
	406468	9795553	Plus	4373-4616,8870-9046,11366-11509,11625-11880
	406470	9795562	Minus	15532-15697
	406504	7711360	Minus	107068-107277
50	406506	7711374	Minus	6843-8077F
	406592	4567182	Plus	352560-352963

55

Table 32A lists about 969 genes upregulated in lung fibrosis relative to normal body tissues. Types of pulmonary fibrosis samples included in this analysis were idiopathic pulmonary fibrosis (IPF), hypersensitivity pneumonitis (HP), and non-specific interstitial pneumonitis (NSIP). These genes were selected from 59680 probesets on the Eos/Affymetrix Hu03 Genechip array. Gene expression data for each probeset obtained from this analysis was expressed as average intensity (AI), a normalized value reflecting the relative levels of mRNA expression.

60

Table 33A lists about 800 genes upregulated in lung fibrosis relative to normal lung. Types of pulmonary fibrosis samples included in this analysis were idiopathic pulmonary fibrosis (IPF), hypersensitivity pneumonitis (HP), and non-specific interstitial pneumonitis (NSIP). These genes were selected from 59680 probesets on the Eos/Affymetrix Hu03 Genechip array. Gene expression data for each probeset obtained from this analysis was expressed as average intensity (AI), a normalized value reflecting the relative levels of mRNA expression.

65

Table 34A lists about 703 genes upregulated in idiopathic pulmonary fibrosis (IPF) relative to hypersensitivity pneumonitis (HP) or non-specific interstitial pneumonitis (NSIP). These genes were selected from 59680 probesets on the Eos/Affymetrix Hu03 Genechip array. Gene expression data for each probeset obtained from this analysis was expressed as average intensity (AI), a normalized value reflecting the relative levels of mRNA expression.

70

Table 35A lists about 323 genes upregulated in hypersensitivity pneumonitis (HP) relative to idiopathic pulmonary fibrosis (IPF) or non-specific interstitial pneumonitis (NSIP). These genes were selected from 59680 probesets on the Eos/Affymetrix Hu03 Genechip array. Gene expression data for each probeset obtained from this analysis was expressed as average intensity (AI), a normalized value reflecting the relative levels of mRNA expression.

75

Table 36A lists about 52 genes upregulated in non-specific interstitial pneumonitis (NSIP) relative to hypersensitivity pneumonitis (HP) or idiopathic pulmonary fibrosis (IPF). These genes were selected from 59680 probesets on the Eos/Affymetrix Hu03 Genechip array. Gene expression data for each probeset obtained from this analysis was expressed as average intensity (AI), a normalized value reflecting the relative levels of mRNA expression.

80

Table 37A lists about 206 genes downregulated in lung fibrosis relative to normal lung. Types of pulmonary fibrosis samples included in this analysis were idiopathic pulmonary fibrosis (IPF), hypersensitivity pneumonitis (HP), and non-specific interstitial pneumonitis (NSIP). These genes were selected from 59680 probesets on the Eos/Affymetrix Hu03 Genechip array. Gene expression data for each probeset obtained from this analysis was expressed as average intensity (AI), a normalized value reflecting the relative levels of mRNA expression.

Table 38A lists about 207 genes upregulated in lung fibrosis relative to normal tissues. Types of pulmonary fibrosis samples included in this analysis were idiopathic pulmonary fibrosis (IPF), hypersensitivity pneumonitis (HP), and non-specific interstitial pneumonitis (NSIP). These genes were selected from 59680 probesets on the Eos/Affymetrix Hu03 Genechip array. Gene expression data for each probeset obtained from this analysis was expressed as average intensity (AI), a normalized value reflecting the relative levels of mRNA expression.

TABLE 32A: About 969 genes upregulated in lung fibrosis relative to normal body tissues

Pkey: Unique Eos probeset identifier number  
 ExAccn: Exemplar Accession number, Genbank accession number  
 UnigeneID: Unigene number  
 Unigene Title: Unigene gene title  
 R1: 90th percentile of lung fibrosis AIs divided by 90th percentile of normal tissue AIs, where the minimum value for the numerator and denominator was set to 50.  
 R2: 90th percentile of lung fibrosis AIs divided by 90th percentile of normal tissue AIs, where the 15th percentile of normal tissue AIs was subtracted from both the numerator and denominator. The minimum value for the numerator and denominator was set to 50.

Pkey	ExAccn	UnigeneID	Unigene Title	R1	R2
414517	M24461	Hs.76305	surfactant, pulmonary-associated protein	22.45	28.63
406964	M21305		FGFES predicted novel secreted protein	16.10	7.65
431723	AW058350	Hs.16762	Homo sapiens mRNA; cDNA DKFZp564B2062 (f	15.83	14.86
442275	AW449467	Hs.54795	ESTs	15.74	21.96
417204	N81037	Hs.1074	surfactant, pulmonary-associated protein	13.83	34.63
444342	NM_014388	Hs.10887	similar to lysosome-associated membrane	12.40	7.38
431089	BE041395		ESTs, Weakly similar to unknown protein	12.36	6.05
421110	AJ250717	Hs.1355	cathepsin E	11.86	6.49
457200	U33749	Hs.197764	thyroid transcription factor 1	11.38	9.79
425211	M18667	Hs.1867	progastricsin (pepsinogen C)	10.89	15.94
443709	AI082692	Hs.134662	ESTs	10.84	8.27
431164	AA493650	Hs.94367	Homo sapiens cDNA: FLJ23494 fis, clone L	10.06	8.92
445537	AJ245671	Hs.12644	EGF-like domain, multiple 6	9.96	5.43
432519	AI221311	Hs.130704	ESTs, Weakly similar to BCHUA S-100 pro	9.90	7.87
421798	N74880		N-acylsphingosine amidohydrolase (acid c	9.38	8.35
400269			Eos Control	9.03	6.48
444325	AW162818	Hs.16757	ESTs	8.31	6.76
416402	NM_000715	Hs.1012	complement component 4-binding protein,	8.14	5.51
413048	M83221	Hs.75162	mannose receptor, C type 1	7.70	4.09
432885	T92363	Hs.178703	ESTs	7.56	7.83
443324	R44013	Hs.164225	ESTs	7.06	4.47
449494	AW237014	Hs.315369	Homo sapiens cDNA: FLJ23075 fis, clone L	6.90	2.89
408562	AI436323	Hs.31141	roundabout (axon guidance receptor, Dros	6.88	4.00
449523	NM_000579	Hs.54443	chemokine (C-C motif) receptor 5	6.56	4.25
421952	AA300900	Hs.98849	dynein light chain 29 (DNLC29)	6.46	4.47
427383	NM_005411	Hs.177582	surfactant, pulmonary-associated protein	6.30	13.57
409203	AA780473	Hs.587	cytochrome P450, subfamily IV, polypept	6.28	3.38
441835	AB036432	Hs.184	advanced glycosylation end product-spec	5.99	13.26
446428	AW082270	Hs.12496	ESTs, Weakly similar to ALU4_HUMAN ALU S	5.88	4.10
415323	BE269352	Hs.949	neutrophil cytosolic factor 2 (65kD, chr	5.88	3.35
442652	AJ005163	Hs.201378	ESTs, Weakly similar to T12545 hypotheti	5.87	5.69
414812	X72755	Hs.77357	monokine induced by gamma interferon	5.84	3.34
418007	M13509	Hs.83169	matrix metalloproteinase 1 (Interstitial	5.72	5.90
421502	AF111856	Hs.105039	solute carrier family 34 (sodium phospho	5.69	6.09
436954	AA740151	Hs.130425	ESTs	5.58	4.72
446998	N99013	Hs.16782	Homo sapiens mRNA; cDNA DKFZp564B2062 (f	5.48	5.33
421340	F07783	Hs.1369	decay accelerating factor for complement	5.48	2.69
420556	AA279098	Hs.187636	ESTs	5.45	3.99
432441	AW292425	Hs.163484	Intron of hepatocyte nuclear factor-3 al	5.38	3.65
408380	AF123050	Hs.44532	diubiquitin	5.37	3.11
414998	NM_002543	Hs.77729	oxidized low density lipoprotein (lectin	5.30	3.98
446921	AB012113	Hs.16530	small inducible cytokine subfamily A (Cy	5.29	4.00
429732	U20158	Hs.2488	lymphocyte cytosolic protein 2 (SH2 doma	5.28	2.48
442832	AW206560	Hs.253569	ESTs	5.20	3.78
407949	W21874	Hs.247057	ESTs, Weakly similar to 2109260A B cell	5.11	3.81
433293	AF007835	Hs.32417	hypothetical protein MGC4309	5.11	2.88
424310	AA338648	Hs.50334	testes development-related NYD-SP22	5.07	3.46
428043	T92248	Hs.2240	uteroglobin	5.06	9.46
431745	AW872448	Hs.163425	ESTs	5.04	4.16
444527	NM_005408	Hs.11383	small inducible cytokine subfamily A (Cy	5.04	3.68
421379	Y15221	Hs.103982	small inducible cytokine subfamily B (Cy	5.02	4.26
419231	AL046284	Hs.136245	ESTs, Weakly similar to T17227 hypotheti	4.97	3.35
428927	AA441837	Hs.90250	ESTs	4.92	3.15
432222	AI204995		gb:zm03c03.x1 Stratogene schizo brain S1	4.79	3.05
442994	AI026718	Hs.16964	ESTs	4.76	2.65
416030	Y15261	Hs.21948	ESTs	4.76	4.26
438873	AI302471	Hs.124292	Homo sapiens cDNA: FLJ23123 fis, clone L	4.73	3.24
453142	AA033848	Hs.7473	ESTs	4.66	2.92
424917	AI636208	Hs.96901	hypothetical protein FLJ23049	4.64	4.88
439750	AL359053	Hs.57664	Homo sapiens mRNA full length insert cDN	4.60	2.63
432810	AA863400		ESTs	4.54	2.42
416259	AA215404		ESTs	4.54	2.54
453310	X70697	Hs.553	solute carrier family 6 (neurotransmitte	4.48	4.86
424144	AA454033	Hs.41644	AKAP-associated sperm protein	4.46	3.62
423575	C18863	Hs.163443	Intron of periostin(OSF-2os)	4.44	3.41
428667	AI375550	Hs.346668	nucleolar protein p40; homolog of yeast	4.42	3.41

	429228	AI553633		ESTs	4.32	2.98
	432435	BE218886	Hs.282070	ESTs	4.30	2.26
	446932	AA861469	Hs.125644	ESTs	4.30	2.81
5	408369	R38438	Hs.182575	SLC15A2 Solute carrier family 15 (H+-pep	4.30	2.39
	409435	AI810721	Hs.95424	ESTs	4.30	2.60
	419490	NM_006144	Hs.90708	granzyme A (granzyme 1, cytotoxic T-lymp	4.29	2.48
	452561	AI582181	Hs.49169	KIAA1634 protein	4.23	2.26
	427698	AW972594	Hs.335489	ESTs	4.22	3.49
10	431433	X65018	Hs.253495	surfactant, pulmonary-associated protein	4.22	13.34
	446608	N75217	Hs.257846	ESTs	4.20	3.62
	426227	AA321649	Hs.2248	small inducible cytokine subfamily B (Cy	4.18	3.14
	459702	AI204995		gb:an036033.x1 Stratagene schizo brain S1	4.16	2.64
	445885	AI734003	Hs.127699	KIAA1603 protein	4.16	3.99
15	430280	AA361258	Hs.237868	interleukin 7 receptor	4.13	2.79
	425259	AL049280	Hs.155397	Homo sapiens mRNA; cDNA DKFZp554K143 (fr	4.12	2.19
	427019	AA001732	Hs.173233	hypothetical protein FLJ10970	4.12	3.02
	420555	AA276300	Hs.124292	Homo sapiens cDNA: FLJ23123 fis, clone L	4.08	3.13
	428467	AK002121	Hs.184465	hypothetical protein FLJ11259	4.08	3.48
20	432731	R31178	Hs.287820	fibronectin 1	4.06	2.66
	439398	AA284267	Hs.221504	ESTs	4.06	2.86
	409153	W03754	Hs.50813	hypothetical protein FLJ20022	4.05	3.51
	412584	X54870	Hs.74085	DNA segment on chromosome 12 (unique) 24	4.04	2.44
	436120	AI248193	Hs.119860	ESTs	4.04	3.11
25	407910	AA650274	Hs.41296	fibronectin leucine rich transmembrane p	4.03	2.69
	421482	AF016495	Hs.104624	aquaporin 9	4.00	2.51
	443257	AI334040	Hs.11614	HSPC085 protein	4.00	2.81
	421659	NM_014459	Hs.106511	protocadherin 17	4.00	3.00
	424273	W40460	Hs.144442	phospholipase A2, group X	3.98	2.30
30	415457	AW081710	Hs.7369	ESTs, Weakly similar to ALU1_HUMAN ALU S	3.97	3.36
	450656	AA010539	Hs.18912	ESTs	3.96	4.37
	429784	M89796	Hs.30	membrane-spanning 4-domains, subfamily A	3.94	2.44
	424527	AW138558	Hs.334873	ESTs, Weakly similar to I54374 gene NF2	3.93	3.08
	413585	M34455	Hs.840	indoleamine-pyrole 2,3 dioxygenase	3.92	3.53
35	452416	AA026115	Hs.114777	ESTs	3.92	2.90
	428434	AW363590	Hs.65551	Homo sapiens, Similar to DNA segment, Ch	3.90	5.06
	452281	T93500	Hs.28792	Homo sapiens cDNA FLJ11041 fis, clone PL	3.90	2.00
	453204	R10799	Hs.191990	ESTs	3.90	2.22
	450896	AI654223	Hs.16026	hypothetical protein FLJ23191	3.81	3.82
40	422173	BE365828	Hs.250619	phorbol-in-like protein MDS019(CEM15)	3.80	2.23
	425638	NM_012337	Hs.158450	nasopharyngeal epithelium specific prote	3.78	2.66
	406672	M26041	Hs.198253	major histocompatibility complex, class	3.78	3.70
	457411	AW085961	Hs.130093	Iroquois-class homeobox protein IRX2	3.76	2.56
	432606	NM_002104	Hs.3088	granzyme K (serine protease, granzyme 3;	3.76	2.76
45	436260	BE172762	Hs.282710	ESTs, Weakly similar to ALU5_HUMAN ALU S	3.74	2.83
	414821	M63635	Hs.77424	Fc fragment of IgG, high affinity Ia, re	3.72	2.56
	428820	AA435187	Hs.172631	Integrin, alpha M (complement component	3.71	2.25
	458079	AI796870	Hs.54277	DNA segment on chromosome X (unique) 992	3.70	2.26
	419556	U29615	Hs.91093	chitinase 1 (chitinohydrolase)	3.69	7.71
50	417412	X16896	Hs.82112	interleukin 1 receptor, type I	3.68	2.17
	426174	AA547959	Hs.115838	ESTs	3.65	2.83
	408727	AL137259	Hs.47115	hypothetical protein DKFZp434D0513	3.64	2.62
	435990	AI015862	Hs.131793	ESTs	3.62	2.27
	427621	BE621182	Hs.179882	hypothetical protein FLJ12443	3.62	3.48
55	425555	AA358281	Hs.130767	Homo sapiens cDNA: FLJ23553 fis, clone L	3.61	3.18
	419086	NM_000216	Hs.89591	Kalman syndrome 1 sequence	3.60	3.05
	426116	AA889729	Hs.144684	ESTs	3.60	2.80
	419235	AW470411	Hs.288433	neurotrophin	3.58	2.88
	424054	AA334511	Hs.26638	membrane-spanning 4-domains, subfamily A	3.58	2.58
60	422867	H25842		ESTs	3.55	2.44
	406673	M34896	Hs.198253	major histocompatibility complex, class	3.54	3.98
	414142	AW368397	Hs.334485	hemiscentin(fibulin 6)	3.54	3.30
	428930	L22524	Hs.2256	matrix metalloproteinase 7 (matrilysin,	3.54	3.11
	430632	AI073913	Hs.100666	ESTs, Weakly similar to JE0350 Anterior	3.53	2.38
65	417318	AW953937	Hs.240845	ESTs	3.52	2.02
	456034	AW450979		gb:U1-H-B13-ata-e-12-0-U1.s1 NCLGAP_Su	3.50	3.21
	415892	C05837	Hs.145807	hypothetical protein FLJ13593	3.48	2.35
	430709	R34356		gb:yh85d01.s1 Soares placenta Nb2HP Homo	3.48	2.13
	440273	AI805392	Hs.325336	Homo sapiens cDNA: FLJ23523 fis, clone L	3.47	2.93
70	424711	NM_005795	Hs.152175	calcitonin receptor-like	3.47	2.69
	418832	XD4011	Hs.85974	cytochrome b-245, beta polypeptide (chro	3.46	2.31
	416847	L43821	Hs.80251	enhancer of filamentation 1 (cea-like do	3.46	2.37
	448019	AW947164	Hs.195841	ESTs, Moderately similar to I38022 hypot	3.45	2.07
	447183	AI554733	Hs.173182	ESTs	3.42	2.01
75	435299	AI745458	Hs.343026	ESTs, Weakly similar to T20593 hypothi	3.40	3.49
	425922	AL157466	Hs.162751	Homo sapiens mRNA; cDNA DKFZp761E2423 (f	3.40	2.42
	413714	AI580944	Hs.71428	ESTs	3.38	2.62
	407361	AA744622	Hs.292645	ESTs, Weakly similar to ALU5_HUMAN ALU S	3.36	2.13
	436043	AW953938	Hs.168830	Homo sapiens cDNA FLJ12136 fis, clone MA	3.36	2.41
80	450330	AW500775	Hs.24817	hypothetical protein FLJ20136	3.36	2.06
	407756	AA116021	Hs.38250	ubiquitin specific protease 18	3.35	2.42
	410605	AW418779	Hs.114889	ESTs	3.35	2.39
	450726	AW204600		retinoic acid receptor, alpha	3.34	6.35
	430573	AA744550	Hs.136345	ESTs	3.33	1.94



5	421585	U95626	Hs.302043	chemokine (C-C motif) receptor-like 2	3.32	2.75
	433658	L03878	Hs.156110	immunoglobulin kappa constant	3.31	2.22
	454076	AW204712	Hs.61957	ESTs	3.31	1.95
	452039	A1922988	Hs.172510	ESTs	3.30	2.95
	454024	AA993527	Hs.293907	hypothetical protein FLJ23403	3.30	2.37
10	450414	AW365665	Hs.120388	ESTs	3.30	2.48
	417958	AA767382	Hs.193417	ESTs	3.30	2.04
	423001	AA320014	Hs.208603	ESTs	3.29	2.62
	443774	AL117428	Hs.9740	DKFZP434A236 protein	3.28	2.35
	424084	A1940875	Hs.20914	hypothetical protein FLJ23056	3.28	2.05
15	424238	AA337401	Hs.137635	ESTs	3.28	2.45
	428819	AL133011	Hs.226108	Homo sapiens mRNA; cDNA DKFZp434P201 (fr	3.27	2.63
	448869	A1792798	Hs.12495	ESTs, Weakly similar to ALU4_HUMAN ALU S	3.26	2.67
	426083	AW562712	Hs.126712	ESTs, Weakly similar to AF191020.1 E2IG5	3.26	2.04
	451099	RS2795	Hs.25954	interleukin 13 receptor, alpha 2	3.22	2.36
20	440452	A1925136	Hs.55150	ESTs, Weakly similar to CAYP_HUMAN CALCY	3.22	3.87
	422109	S73265	Hs.1473	gastrin-releasing peptide	3.20	2.79
	430378	Z29572	Hs.2556	tumor necrosis factor receptor superfamily	3.20	2.30
	413802	AW964490	Hs.32241	ESTs, Weakly similar to S65657 alpha-1C-	3.18	2.42
	408761	AA057264	Hs.238936	ESTs, Weakly similar to (define not ava	3.18	2.12
25	438568	R88865	Hs.11135	major histocompatibility complex, class	3.18	3.86
	451497	H83294	Hs.284122	Wnt inhibitory factor-1	3.18	2.99
	444034	AL161957	Hs.10177	pleckstrin homology domain interacting p	3.17	2.02
	446094	AK001760	Hs.13601	KIAA1685 protein	3.17	2.42
	442048	AA974603		gb:exp3405.s1 Soares_NFL_T_GBC_S1 Homo s	3.17	2.27
30	406585	M18728		gb:Human nonspecific crossreacting antig	3.17	2.80
	430253	AK001514	Hs.236844	hypothetical protein FLJ10652	3.16	1.95
	424043	AU077260	Hs.153924	death-associated protein kinase 1	3.16	2.18
	436805	AA731533	Hs.270751	ESTs	3.16	1.95
	412610	X90908	Hs.74126	fatty acid binding protein 6, ileal (gas	3.15	3.63
35	409789	D11928	Hs.76845	phosphoserine phosphatase-like	3.14	1.74
	448140	AF146761	Hs.20450	BCM-1-like membrane protein precursor	3.13	3.36
	420729	AW964897	Hs.290825	ESTs	3.12	2.09
	419839	U24577	Hs.93304	phospholipase A2, group VII (platelet-ac	3.12	2.06
	416580	T61572	Hs.79385	Human clone 23574 mRNA sequence	3.12	2.58
40	451820	AW058357	Hs.199248	ESTs	3.10	2.26
	440028	AW473675		ESTs, Weakly similar to T17227 hypotheti	3.10	3.01
	448030	N30714	Hs.325960	membrane-spanning 4-domains, subfamily A	3.10	2.32
	437866	AA156781		metallothionein 1E (functional)	3.10	1.80
	428513	BE220806	Hs.184697	plexin C1	3.10	2.11
45	438607	AW080237	Hs.252884	ESTs	3.10	2.20
	445034	AW293376	Hs.143659	ESTs	3.08	2.81
	458332	AK000341		ESTs	3.08	1.87
	415083	A1632663	Hs.27179	Homo sapiens cDNA FLJ12933 fis, clone NT	3.08	1.87
	407930	AA045847	Hs.188361	Homo sapiens cDNA FLJ12807 fis, clone NT	3.08	1.94
50	407192	AA609200		gb:af12e02.s1 Soares_testis_NHT Homo sap	3.07	2.12
	452960	AK001335	Hs.31137	protein tyrosine phosphatase, receptor t	3.07	2.16
	425509	AF079363	Hs.158213	sperm associated antigen 6	3.06	2.75
	431087	H12723	Hs.290791	ESTs	3.05	2.41
	452235	AL039743	Hs.28514	testes development-related NYD-SP21	3.06	2.84
55	448328	A1962493		ESTs	3.06	2.78
	422900	AA641201	Hs.222051	ESTs	3.05	1.87
	414888	AL039185	Hs.77558	thyroid hormone receptor interactor 7	3.05	1.99
	430250	NM_016929	Hs.283021	chloride intracellular channel 5	3.05	2.49
	437527	A1241018	Hs.145644	ESTs	3.04	2.17
60	432340	AA534222		gb:nj21d02.e1 NCL_CGAP_AA1 Homo sapiens	3.04	1.78
	420495	A138247	Hs.98314	Homo sapiens mRNA; cDNA DKFZp586L0120 (f	3.02	2.43
	446495	BE822841	Hs.38489	ESTs, Weakly similar to 138022 hypotheti	3.02	1.77
	411262	AB018549	Hs.69328	MD-2 protein	3.02	1.95
	439981	A1348408	Hs.124875	ESTs, Weakly similar to T14742 hypotheti	3.02	2.24
65	420683	AA830168	Hs.271305	ESTs	3.01	2.14
	412095	A1624707	Hs.6921	Homo sapiens cDNA: FLJ21592 fis, clone C	3.00	2.13
	410434	AF051152	Hs.83688	toll-like receptor 2	3.00	2.60
	436396	A1683487	Hs.152213	wingless-type MMTV integration site fami	3.00	1.94
	434194	AF118847		Homo sapiens PRO1550 mRNA, partial cds	3.00	1.81
70	435800	A1248285	Hs.118348	ESTs	3.00	1.89
	420000	AB036063	Hs.94282	p53-inducible ribonucleotide reductase s	3.00	2.08
	449057	AB037784	Hs.22041	KIAA1363 protein	3.00	2.18
	413185	AA127382	Hs.22404	protease, serine, 12 (neurotensin, moto	2.99	2.48
	436198	AK001125		Homo sapiens cDNA FLJ10263 fis, clone HE	2.99	2.76
75	411492	T46848	Hs.70337	immunoglobulin superfamily, member 4	2.99	2.16
	444020	R92952	Hs.35052	ESTs	2.98	2.21
	427765	XB1053	Hs.180828	collagen, type IV, alpha 4	2.98	2.08
	432583	AW023624	Hs.162282	potassium channel TASK-4; potassium chan	2.98	2.40
	457675	AF119917	Hs.305674	Homo sapiens PRO3098 mRNA, complete cds	2.96	2.03
80	414846	AA353776	Hs.501	CD48 antigen (B-cell membrane protein)	2.95	1.74
	428950	AW081608	Hs.105063	ESTs	2.95	2.40
	420394	AB023181	Hs.97403	KIAA0944 protein	2.95	2.46
	406698	X03058	Hs.73931	major histocompatibility complex, class	2.95	4.13
	419038	AW134924	Hs.190325	ESTs	2.94	1.72
	449765	N92293	Hs.206832	ESTs, Moderately similar to ALU8_HUMAN A	2.94	2.93
	418293	A1224483	Hs.16053	hypothetical protein FLJ21877	2.94	1.94
	400880			NM_000611*:Homo sapiens CD59 antigen p18	2.94	1.74

5	430382	AA477908	Hs.282267	ESTs, Moderately similar to I38022 hypol	2.94	2.12
	419034	NM_002110	Hs.89555	hemopoietic cell kinase	2.93	2.25
	439335	AA742697	Hs.62492	NM_052863: Homo sapiens secretoglobulin, fa	2.93	3.72
	429597	NM_003816	Hs.2442	a disintegrin and metalloproteinase doma	2.92	1.91
	418981	AA897581	Hs.128773	ESTs	2.92	2.18
10	400419	AF084545		Target	2.92	1.83
	435176	AA744875	Hs.189413	ESTs	2.91	2.15
	413283	R78669	Hs.23756	hypothetical protein similar to swine ac	2.90	2.25
	444339	T98555	Hs.31562	ESTs	2.90	3.16
	429272	W25140	Hs.110867	ESTs	2.90	2.43
15	435047	AA454985	Hs.54973	cadherin-like protein VR20	2.90	2.29
	435080	A1831760	Hs.155111	hypothetical protein FLJ14428	2.90	2.40
	402474			NM_004079: Homo sapiens cathepsin S (CTSS	2.88	2.47
	421554	AW137676	Hs.97775	ESTs	2.88	3.37
	422770	AL117544	Hs.120021	DKFZP434I092 protein	2.88	2.00
20	434658	A1624436	Hs.310286	ESTs	2.88	2.06
	440248	AA876138		ESTs	2.86	2.24
	442006	AW975183		ESTs, Weakly similar to S72482 hypotheti	2.86	4.32
	430515	AA746503	Hs.283313	ESTs	2.86	2.96
	446063	A1720140	Hs.151079	ESTs	2.86	2.47
25	438177	BE327015		ESTs	2.86	1.70
	429083	Y09397	Hs.227817	BCL2-related protein A1	2.85	2.06
	417105	X60992	Hs.81225	CD6 antigen	2.85	3.00
	433230	AW136134	Hs.220277	ESTs	2.84	1.97
	438876	AA813745	Hs.123446	ESTs	2.84	2.62
30	435575	AF213457	Hs.44234	triggering receptor expressed on myeloid	2.82	4.33
	420252	AW270404	Hs.193161	ESTs	2.82	3.22
	415788	AW628686	Hs.78851	KIAA0217 protein	2.82	1.78
	428065	A1634046	Hs.157313	ESTs	2.81	2.47
	434340	A1193043	Hs.128585	ESTs, Weakly similar to T17226 hypotheti	2.81	2.67
35	451558	NM_001089	Hs.26630	ATP-binding cassette, sub-family A (ABC1	2.78	3.39
	435517	AA928626	Hs.130177	ESTs	2.78	2.36
	439883	AL359652	Hs.171096	Homo sapiens EST from clone DKFZp434A041	2.78	1.82
	434158	T86534	Hs.14372	ESTs	2.78	1.98
	428923	BE047698	Hs.188785	ESTs	2.78	2.07
40	413786	AW613780	Hs.13500	ESTs	2.78	1.97
	406387			Target Exon	2.77	4.22
	421168	AF182277	Hs.330780	cytochrome P450, subfamily IIB (phenobar	2.76	3.24
	444661	NM_004459	Hs.11392	c-fos induced growth factor (vascular en	2.76	2.11
	427484	N32859	Hs.37288	nuclear receptor subfamily 1, group D, m	2.76	1.94
45	417728	AW138437	Hs.24790	KIAA1573 protein	2.76	1.78
	435154	AA668764		ESTs	2.76	2.10
	429490	A1971131	Hs.23889	ESTs, Weakly similar to ALU7_HUMAN ALU S	2.76	2.21
	423387	AJ012074		vasoactive intestinal peptide receptor 1	2.76	2.36
	432060	AW971364	Hs.324775	ESTs	2.75	2.02
50	434164	AW207019	Hs.148135	serine/threonine kinase 33	2.74	2.48
	423706	U95218	Hs.131924	G protein-coupled receptor 55	2.74	1.93
	442703	AL044949	Hs.116293	ESTs	2.74	1.89
	450247	AF123303	Hs.24713	hypothetical protein	2.74	1.73
	430998	AF128847	Hs.204038	indolethylamine N-methyltransferase	2.74	2.85
55	426535	AU077012	Hs.289582	ESTs, Weakly similar to ubiquitous TPR m	2.74	1.88
	408196	NM_001874	Hs.334873	carboxypeptidase M	2.73	1.88
	422389	AF240535	Hs.116897	protocadherin 12	2.72	2.26
	444324	A1301330	Hs.143838	ESTs	2.72	1.74
	417831	H16423	Hs.82685	CD47 antigen (Rb-related antigen, integr	2.72	2.40
60	428769	AW207175	Hs.105771	ESTs	2.72	2.19
	404277			NM_019111: Homo sapiens major histocompa	2.72	3.12
	409553	AW451693	Hs.220826	ESTs	2.72	2.62
	437211	AA382207	Hs.5509	ecotropic viral integration site 2B	2.72	2.25
	430299	W28673	Hs.105747	serine carboxypeptidase 1 precursor prot	2.72	2.09
65	444381	BE387335	Hs.283713	hypothetical protein BC014245	2.71	2.25
	443547	AW271273		hypothetical protein FLJ12668	2.71	1.74
	408741	M73720	Hs.546	carboxypeptidase A3 (mast cell)	2.70	2.39
	402674			Target Exon	2.70	1.85
	438068	A1927209	Hs.308210	Homo sapiens cDNA: FLJ23133 fis, clone L	2.70	2.23
70	415075	L27478	Hs.77889	Friedreich ataxia region gene X123	2.69	2.11
	444314	A1140497		gbow76b09.s1 Soares_fetal_liver_spleen_	2.69	2.28
	428656	AB037798	Hs.188790	KIAA1377 protein	2.68	1.81
	418883	BE387038	Hs.1211	acid phosphatase 5, tartrate resistant	2.68	3.95
	443951	F13272		ferritin, light polypeptide	2.68	2.68
75	427581	NM_014788	Hs.179703	KIAA0129 gene product	2.68	1.74
	432839	AW973785		gb:EST385886 MAGE masequences, MAGM Homo	2.68	1.78
	446423	AW139555	Hs.150120	ESTs	2.68	2.29
	407939	W05608	Hs.312679	ESTs, Weakly similar to A49019 dynein ha	2.67	2.07
	431779	AW971178	Hs.268571	apolipoprotein C-I	2.67	3.00
80	458124	AW005548	Hs.124590	ESTs	2.67	3.78
	432882	NM_013257	Hs.279595	serum/glucocorticoid regulated kinase-II	2.66	1.64
	445745	AB007924	Hs.13245	KIAA0455 gene product	2.66	1.64
	425188	AK002052	Hs.155071	hypothetical protein FLJ11190	2.65	1.92
	432231	AA338977	Hs.274127	CLST 11240 protein	2.64	4.23
	442200	AW590572	Hs.235768	ESTs	2.64	2.46
	426828	NM_000020	Hs.172670	activin A receptor type II-like 1	2.64	2.00
	448569	BE382657	Hs.21486	signal transducer and activator of trans	2.63	3.23

5	425955	T96509	Hs.248549	ESTs, Moderately similar to S65657 alpha	2.63	2.48
	411213	AA676939	Hs.69285	neuropllin 1	2.62	1.73
	439737	AJ751438	Hs.41271	Homo sapiens mRNA full length insert cDN	2.82	2.69
	446570	AV659177	Hs.127160	ESTs	2.61	2.44
	411020	NM_006770	Hs.67726	macrophage receptor with collagenous str	2.60	3.39
	434792	AA648253	Hs.132458	ESTs	2.60	1.74
	426782	R14614	Hs.33846	ESTs	2.60	2.36
	425371	D49441	Hs.155981	mesothelin	2.60	6.97
10	447720	AL038765	Hs.161304	ESTs	2.59	3.06
	444623	AI183829	Hs.202111	ESTs	2.59	2.77
	433376	AI249361	Hs.74122	caspase 4, apoptosis-related cysteine pr	2.58	2.01
	444542	AI161293	Hs.280380	aminopeptidase	2.58	2.31
	439549	AW837885	Hs.137314	ESTs	2.58	2.37
15	431385	BE178536	Hs.11090	membrane-spanning 4-domains, subfamily A	2.58	2.56
	417015	M83772	Hs.80876	flavin containing monooxygenase 3	2.56	2.47
	433308	AA582718	Hs.291650	ESTs	2.56	2.01
	443885	H91806	Hs.15284	ESTs	2.55	1.71
	408170	AW204516	Hs.31835	ESTs	2.55	1.69
20	456844	AI284155	Hs.152981	CDP-diacylglycerol synthase (phosphatida	2.54	1.63
	412104	AW205197	Hs.240851	Homo sapiens, Similar to RIKEN cDNA 2210	2.54	2.98
	428791	AA435661	Hs.264750	ESTs	2.53	2.29
	435472	AW972330	Hs.283022	triggering receptor expressed on myeloid	2.53	3.91
	447367	AI375822	Hs.159367	ESTs	2.52	2.83
25	431393	AW971493	Hs.134269	ESTs, Highly similar to cytokine recepto	2.52	1.90
	424105	AI142336	Hs.43977	Human DNA sequence from clone RP11-196N1	2.52	3.45
	408308	AL033377	Hs.44197	hypothetical protein DKFZp564D0462	2.52	1.98
	438698	AW297855		ESTs, Weakly similar to I38022 hypotheti	2.52	1.98
	420891	AW504814	Hs.287379	Homo sapiens mRNA for FLJ00111 protein,	2.52	2.41
30	424049	AB014524	Hs.138380	KIAA0624 protein	2.51	2.19
	438543	AA810141	Hs.192182	ESTs	2.51	2.06
	414061	NM_000699	Hs.335493	amylase, alpha 2A; pancreatic	2.51	2.14
	424806	AA382523	Hs.105689	MSTP031 protein	2.51	2.11
	438580	AA811262	Hs.299202	ESTs	2.50	1.83
35	434445	AI349306	Hs.11782	ESTs	2.50	3.13
	444001	AI095087	Hs.152299	ESTs, Moderately similar to S65657 alpha	2.50	1.76
	413638	H71252		gb:ys12h12.s1 Soares fetal liver spleen	2.50	2.00
	421281	AI299139	Hs.17517	ESTs	2.50	2.40
40	441384	AA447849	Hs.288680	retinoic acid induced 3	2.50	2.75
	436772	AW975888		metallothionein 1E (functional)	2.49	1.80
	433102	AJ343866	Hs.158528	ESTs	2.49	2.25
	430129	BE301708	Hs.233955	hypothetical protein FLJ20401	2.48	2.09
	445612	N94126	Hs.12859	hypothetical protein	2.48	2.28
45	445261	T79759	Hs.250651	ESTs, Weakly similar to I38022 hypotheti	2.48	1.87
	433854	AA610649	Hs.333239	ESTs	2.48	2.09
	447997	H00856	Hs.29792	ESTs, Weakly similar to I38022 hypotheti	2.48	2.75
	411069	AL133092	Hs.68055	hypothetical protein DKFZp434I0428	2.48	2.01
	440594	AW445167	Hs.126036	ESTs	2.48	1.67
50	450295	AI786732	Hs.210628	ESTs	2.48	1.99
	431316	AA502663	Hs.145037	ESTs	2.48	1.80
	438564	AA381553	Hs.198253	major histocompatibility complex, class	2.48	2.80
	439593	BE073597	Hs.124863	ESTs	2.48	1.89
	422355	AW403724	Hs.300697	coagulation factor VII (serum prothrombi	2.47	3.74
	453134	AA032211	Hs.118493	ESTs	2.46	2.72
55	417169	R13550	Hs.21388	ESTs	2.46	1.88
	434411	AA632649	Hs.201372	ESTs	2.46	1.95
	440381	AA917808	Hs.190495	ESTs	2.46	2.09
	448782	AL050295		KIAA0758 protein	2.46	2.69
	404240			NM_018950:Homo sapiens major histocompat	2.45	2.83
60	450843	AI741483	Hs.205383	ESTs	2.44	2.25
	434137	AA907734	Hs.124895	ESTs	2.44	2.55
	438315	R56785	Hs.82419	ESTs	2.44	1.94
	420802	U22376	Hs.1334	v-myb avian myeloblastosis viral oncogen	2.44	1.61
	439402	W02753	Hs.103002	ESTs	2.44	1.90
65	445803	AI347487	Hs.132781	class I cytokine receptor	2.44	2.32
	437323	AA371145	Hs.194397	leptin receptor	2.44	1.70
	433923	AI823453	Hs.148625	ESTs	2.44	1.58
	442201	AW516704	Hs.208726	ESTs	2.43	1.68
	437982	N93466	Hs.121764	ESTs, Weakly similar to testicular tekli	2.43	3.22
70	452698	NM_001295	Hs.301921	chemokine (C-C motif) receptor 1	2.43	2.21
	407904	W44735	Hs.9288	Homo sapiens cDNA: FLJ21278 fis, clone C	2.43	2.13
	408973	M34996	Hs.198253	major histocompatibility complex, class	2.43	2.68
	428055	AA420564	Hs.101760	ESTs	2.42	2.05
	428970	BE276891	Hs.194691	retinoic acid induced 3 (RAIG1); metabo	2.42	2.79
75	433138	AB029498	Hs.59729	semaphorin sem2	2.42	1.66
	415767	AA830854	Hs.187810	ESTs	2.42	2.02
	438507	AA809052		ESTs	2.42	2.08
	450811	AI739486	Hs.245497	ESTs	2.42	1.97
	424027	AW337575	Hs.201591	ESTs	2.42	2.76
80	423778	Y09267	Hs.132621	flavin containing monooxygenase 2	2.41	3.15
	435978	AF272699	Hs.135118	Homo sapiens PR-domain zinc finger prote	2.41	2.08
	426291	U58913	Hs.168191	small inducible cytokine subfamily A (Cy	2.40	1.76
	416370	N90470	Hs.203697	CD38 antigen (p45)	2.40	1.97
	415688	AA168963		gb:zo86d01.s1 Stratagene ovarian cancer	2.40	1.63

5	445633	AI453386	Hs.17287	ESTs, Weakly similar to S26689 hypotheti	2.39	1.99
	431300	AA502346		gb:ne26b03.s1 NCI_CGAP_Co3 Homo sapiens	2.39	1.79
	407690	R47799	Hs.266957	hypothetical protein FLJ114281	2.39	1.84
	418113	AI272141	Hs.83484	SRY (sex determining region Y)-box 4	2.39	2.21
	425235	AA353113	Hs.112497	Homo sapiens cDNA: FLJ22743 fis, clone H	2.38	2.09
10	451406	AI694320	Hs.6295	ESTs, Weakly similar to T17248 hypotheti	2.38	1.78
	437479	R61866	Hs.101277	ESTs	2.38	3.00
	445784	AI253155	Hs.146066	ESTs	2.38	1.61
	418300	AI433074	Hs.86682	Homo sapiens cDNA: FLJ21578 fis, clone C	2.38	2.25
	413753	U17760	Hs.75517	laminin, beta 3 (nicotin (125kD), kalinin	2.37	1.56
15	418945	BE246762	Hs.89499	arachidonate 5-lipoxygenase	2.37	2.41
	416140	AI918035	Hs.301198	roundabout (axon guidance receptor, Dros	2.37	1.61
	418262	Z38968		ESTs	2.37	2.05
	420943	AI718702	Hs.279930	major histocompatibility complex, class	2.37	2.00
	442762	AF035119	Hs.8700	deleted in liver cancer 1	2.37	2.05
20	429747	M87507	Hs.2490	caspase 1, apoptosis-related cysteine pr	2.37	1.67
	420460	AA262331	Hs.48376	Homo sapiens clone HB-2 mRNA sequence	2.36	1.88
	420137	AA306478	Hs.95327	CD3D antigen, delta polypeptide (TIT3 co	2.36	2.61
	439018	AW300887	Hs.26638	membrane-spanning 4-domains, subfamily A	2.36	2.84
	427250	R35941	Hs.25418	ESTs	2.36	2.15
25	452194	AI694413		olfactory receptor, family 2, subfamily	2.36	3.41
	411027	AF072099	Hs.67846	leukocyte immunoglobulin-like receptor,	2.36	3.05
	407242	M18728		gb:Human nonspecific crossreacting antig	2.35	2.34
	418875	W19371	Hs.233459	ESTs	2.35	1.95
	425023	AW956889	Hs.154210	EDG-1 (endothelial differentiation, sph	2.35	1.85
30	432608	AI492660	Hs.170935	ESTs	2.35	2.05
	408048	NM_007203	Hs.42322	A kinase (PKA) anchor protein 2	2.35	1.91
	415189	L34657	Hs.78146	platelet/endothelial cell adhesion molec	2.35	2.34
	437442	T85104	Hs.222779	ESTs, Moderately similar to similar to N	2.35	2.13
	410577	X91911	Hs.84639	glioma pathogenesis-related protein	2.34	1.73
35	422099	AA156022	Hs.11518	hypothetical protein	2.34	1.80
	427337	Z46223	Hs.176663	Fc fragment of IgG, low affinity (Ilg, r	2.34	2.24
	427641	AI798993	Hs.82921	solute carrier family 35 (CMP-alanic aci	2.33	2.82
	420899	NM_001629	Hs.100194	arachidonate 5-lipoxygenase-activating p	2.32	2.52
	431848	AI378887	Hs.271605	ESTs, Highly similar to AF175263 1 zinc	2.32	2.50
40	446354	AW449650		ESTs	2.32	2.21
	423354	AB011130	Hs.127436	calcium channel, voltage-dependent, alph	2.32	4.34
	423961	D13666	Hs.136348	perioctin(DEF-2os)	2.31	2.19
	410798	BE178622	Hs.16291	gb:PM3-HT0605-270200-001-a02 HT0605 Homo	2.31	2.34
	457250	AA811987	Hs.125779	ESTs	2.31	1.66
45	446291	BE397753	Hs.14623	interferon, gamma-inducible protein 30	2.31	2.86
	426939	M74782	Hs.172689	interleukin 3 receptor, alpha (low affin	2.30	2.12
	422746	NM_004484	Hs.119651	glypican 3	2.30	2.16
	439920	H05430	Hs.288433	neurotrophin	2.30	4.08
	414942	C14898	Hs.192886	ESTs	2.30	2.02
50	419092	J05581	Hs.69603	mucin 1, transmembrane	2.29	3.08
	424878	H57111	Hs.221132	ESTs	2.29	1.84
	408687	M31126		matrix metalloproteinase 11 (stromelysin	2.29	2.76
	411605	AW006831		ESTs	2.29	1.58
	418955	N26223	Hs.160436	ESTs	2.29	4.71
55	428713	AA432067		ESTs, Moderately similar to CYA4 RAT ADE	2.29	1.73
	435106	AA100847	Hs.5978	ESTs, Highly similar to AF174600 1 F-box	2.28	1.80
	420380	AA640891	Hs.102406	ESTs	2.28	2.82
	407137	T97307		gb:ye53h05.s1 Soares fetal liver/spleen	2.28	1.62
	410361	BE391804	Hs.62661	guanylate binding protein 1, Interferon-	2.28	2.09
60	447160	AA330310	Hs.24181	ESTs	2.28	1.71
	421114	AW975051	Hs.283156	ESTs, Weakly similar to I78885 serine/th	2.27	1.99
	453686	AL110326	Hs.304679	ESTs, Moderately similar to Z195_HUMAN Z	2.27	1.91
	452114	N22687	Hs.8236	ESTs	2.27	1.88
	417355	D13188	Hs.82002	endothelin receptor type B	2.26	1.63
65	434927	H46612	Hs.293815	Homo sapiens HSPC285 mRNA, partial cds	2.26	1.84
	442262	BE170651	Hs.8700	deleted in liver cancer 1	2.26	1.86
	426216	N77630	Hs.13895	Homo sapiens cDNA FLJ11854 fs, clone HE	2.26	1.72
	425354	U62027	Hs.155935	complement component 3a receptor 1	2.26	1.70
	409190	AU076536	Hs.50984	sarcoma amplified sequence	2.26	1.56
70	414221	AW450979		gb:U1-HB3-ala-a-12-0-UI.s1 NCI_CGAP_Su	2.26	2.12
	435272	AA906415	Hs.110041	ESTs	2.25	2.15
	414991	C17898		gb:C17898 Human placenta cDNA (TFU1wara	2.24	3.58
	424623	AW963062	Hs.270737	ESTs	2.24	1.87
	424665	AW368576	Hs.139851	caveolin 2	2.24	2.15
75	422426	W79117	Hs.58559	ESTs	2.22	3.33
	413829	NM_001872	Hs.75572	carboxypeptidase B2 (plasma)	2.22	2.39
	427535	R29543	Hs.2164	pro-platelet basic protein (includes pla	2.22	3.28
	447197	R36076		gb:gh88b01.s1 Soares placenta Nb2HP Homo	2.22	1.59
	446142	AI754693	Hs.145968	ESTs	2.22	1.88
80	410503	AW975746	Hs.188652	KIAA1702 protein	2.22	1.56
	435523	T62849	Hs.11090	membrane-spanning 4-domains, subfamily A	2.22	2.49
	437629	AW574774	Hs.121692	ESTs	2.22	1.70
	429688	BE245169	Hs.211610	CUG triplet repeat, RNA-binding protein	2.21	1.64
	430413	AW842182	Hs.241392	small inducible cytokine A5 (RANTES)	2.20	2.73
	447033	AI357412	Hs.157601	Predicted gene: Eos cloned; secreted w/v	2.20	2.58
	429496	AA453800	Hs.192793	ESTs	2.20	2.97
	425616	BE000707	Hs.29567	ESTs	2.20	1.58

5	422404	AL133571	Hs.336189	Homo sapiens mRNA: cDNA DKFZp434F1135 (i	2.19	1.92
	423526	AB011088	Hs.129739	KIAA0514 gene product	2.19	2.85
	435485	X59135	Hs.156110	immunoglobulin kappa constant	2.19	2.01
	426251	M24283	Hs.168383	intercellular adhesion molecule 1 (CD54)	2.19	2.53
	443441	AW291196	Hs.92195	ESTs	2.18	1.73
10	418458	AA332941	Hs.85226	lipase A, lysosomal acid, cholesterol es	2.18	2.53
	408705	AA312135	Hs.46967	HSPC034 protein	2.18	1.54
	419150	T29618	Hs.89640	TEK tyrosine kinase, endothelial (venous	2.18	1.93
	430915	AA488953		gb:aa55e05.r1 NCI_CGAP_GCB1 Homo sapiens	2.18	1.57
	418791	AA935633	Hs.194628	ESTs	2.17	2.05
15	432620	AA777749	Hs.5978	LIM domain only 7	2.17	1.75
	424321	W74048	Hs.1765	lymphocyte-specific protein tyrosine kin	2.17	2.01
	406646	M33600	Hs.308026	major histocompatibility complex, class	2.17	3.12
	424450	AL137526		dynein intermediate chain 2	2.17	4.14
	426410	BE298446	Hs.305890	BCL2-like 1	2.16	2.19
20	416975	NM_004131	Hs.1051	granzyme B (granzyme 2, cytotoxic T-lymp	2.16	1.70
	421077	AK000061	Hs.101590	hypothetical protein	2.16	1.60
	424563	AA446932	Hs.151428	ret finger protein 2	2.16	1.83
	405102			C15001220:gil4469558[gb]AAD21311.1) (AF	2.16	1.78
	452436	BE077546	Hs.31447	ESTs, Moderately similar to A46010 X-link	2.15	1.87
25	416206	AW206248	Hs.111092	hypothetical protein FLJ22332	2.15	1.65
	418067	AI127958	Hs.83393	cystatin EAM	2.15	2.40
	436372	AW972301	Hs.310286	ESTs	2.15	2.35
	418728	AW970937	Hs.293843	ESTs	2.14	2.58
	450400	AI694722	Hs.279744	ESTs	2.14	2.05
30	409031	AA376836		ESTs	2.14	2.14
	435143	R12375	Hs.194600	ESTs	2.14	1.69
	444805	AB007899	Hs.12017	homolog of yeast ubiquitin-protein ligas	2.14	2.03
	453927	AA082465	Hs.125031	choline/ethanolaminephosphotransferase	2.14	1.57
	418304	AA215702		gb:zr197g10.r1 NCI_CGAP_GCB1 Homo sapiens	2.14	1.69
35	418259	AA279530	Hs.83968	integrin, beta 2 (antigen CD18 (p85), ly	2.14	2.04
	408996	AI979168	Hs.344096	glycoprotein (transmembrane) nmb	2.13	1.72
	417018	M16038	Hs.80887	v-yes-1 Yamaguchi sarcoma viral related	2.13	1.68
	418741	H63265	Hs.8881	ESTs, Weakly similar to S41044 chromosom	2.13	2.47
	452353	C18625	Hs.29191	epithelial membrane protein 2	2.12	2.31
40	418918	X07871	Hs.89476	CD2 antigen (p50), sheep red blood cell	2.12	2.76
	424006	AF054815	Hs.137548	CD84 antigen (leukocyte antigen)	2.12	2.11
	437581	N59284	Hs.288010	ESTs	2.12	2.85
	410976	R36207	Hs.25092	hypothetical protein MGC10744	2.12	2.04
	429716	R25685	Hs.211933	collagen, type XIII, alpha 1	2.12	2.00
45	423069	W15813	Hs.1613	adenosine A2a receptor	2.12	1.72
	432880	AW974077	Hs.283349	ESTs	2.12	1.75
	449509	AA001615	Hs.84561	ESTs	2.12	1.84
	456062	AI666286	Hs.71962	ESTs, Weakly similar to B3529B proline-r	2.11	4.42
	419216	AJ076718	Hs.164021	small inducible cytokine subfamily B (Cy	2.11	1.65
50	456680	H66982	Hs.42321	ESTs	2.11	2.20
	449677	AA002071		gb:zh85d01.s1 Soares_fetal_liver_spleen_	2.10	2.12
	443071	AL080021	Hs.8986	complement component 1, q subcomponent,	2.10	2.48
	443021	AA358546	Hs.8904	Ig superfamily protein	2.10	2.42
	437838	AI307229		ESTs	2.10	1.67
55	429421	AL031658		Human DNA sequence from clone RP1-310C13	2.10	1.91
	407202	N58172	Hs.108370	ESTs	2.10	1.68
	443569	AI140462	Hs.134587	ESTs	2.10	1.64
	411990	AW963624	Hs.31707	ESTs, Weakly similar to YEW4_YEAST HYPOT	2.10	1.71
	408410	AA447438	Hs.44697	ATPase, Class V, type 10C	2.10	2.05
60	436293	AI601188	Hs.120910	ESTs	2.10	2.01
	410730	AW368880		DnaJ (Hsp40) homolog, subfamily B, membe	2.10	1.66
	427876	AI494291		ESTs	2.10	2.48
	456672	AK002016	Hs.114727	Homo sapiens, clone MGC:16327, mRNA, com	2.09	3.11
	434987	AW975114		ESTs	2.09	1.69
65	433735	AA608955	Hs.108653	ESTs	2.09	1.78
	433226	AW503733	Hs.9414	KIAA1488 protein	2.09	1.62
	425787	AA363887	Hs.155029	ESTs	2.09	1.85
	452304	AA025386	Hs.61311	ESTs, Weakly similar to S10590 cysteine	2.08	3.41
	442369	AI565071		ESTs	2.08	1.60
70	430478	NM_014349	Hs.241635	apolipoprotein L, 3	2.08	2.39
	434421	AI915927	Hs.34771	ESTs	2.08	1.68
	415138	C18356	Hs.295944	tissue factor pathway inhibitor 2	2.08	1.72
	431728	NM_007351	Hs.268107	multimerin	2.08	1.51
	444929	AI885841	Hs.161354	ESTs	2.08	3.14
75	408673	AL046017		calmodulin 2 (phosphorylase kinase, delt	2.08	2.09
	437634	AW293046	Hs.255158	ESTs	2.08	1.66
	400277			Eos Control	2.08	1.46
	443601	AI078554	Hs.42658	ESTs	2.08	1.87
	432212	AW137742		ESTs	2.08	2.84
80	410763	AF279145	Hs.8988	hypothetical protein FLJ21776	2.07	1.48
	406122			Target Exon	2.06	2.75
	430665	BE350122	Hs.157357	ESTs, Weakly similar to T788S serine/th	2.06	1.66
	408788	AL134947	Hs.213958	Homo sapiens BAC clone RP11-10205 from Y	2.06	1.70
	421057	T58283		Homo sapiens cDNA: FLJ22063 fis, clone H	2.06	1.78
	413936	AF113676	Hs.297681	serine (or cysteine) proteinase inhibito	2.06	2.30
	431924	AK000850	Hs.272203	Homo sapiens cDNA FLJ20843 fis, clone AD	2.06	2.31
	449444	AW818436		solute carrier family 16 (monocarboxylic	2.06	1.41

5	421464	AA291553	Hs.190086	ESTs	2.06	2.61
	424831	H61453		ESTs	2.06	2.12
	434542	AA769310		hypothetical protein FLJ13164	2.06	1.44
	418323	NM_002118	Hs.1162	major histocompatibility complex, class	2.05	2.61
	418836	AI855499	Hs.161712	ESTs	2.05	1.73
10	431315	AW972227	Hs.163986	Homo sapiens cDNA: FLJ22765 fis, clone K	2.05	1.99
	400750			Target Exon	2.05	1.75
	406851	AA609784		major histocompatibility complex, class	2.06	3.94
	414936	C14774		gb:C14774 Clontech human aorta polyA mRNA	2.05	2.41
	453459	BE047032	Hs.257789	ESTs	2.04	1.86
15	443450	N66045	Hs.133529	ESTs	2.04	2.46
	430016	AW768399		ESTs	2.04	1.63
	429399	AA452244	Hs.16727	ESTs	2.04	1.51
	411653	AF070578	Hs.71168	Homo sapiens clone 24674 mRNA sequence	2.04	1.73
	417916	NM_006416	Hs.82921	solute carrier family 35 (CMP-stalk ac)	2.04	1.48
20	421757	Z20897	Hs.296259	paraoxonase 3	2.04	2.13
	441942	AF182645	Hs.8024	IK cytokine, down-regulator of HLA II	2.04	1.82
	431843	AA516420		ESTs, Weakly similar to I38022 hypotheti	2.04	1.67
	432006	AL137382	Hs.272320	Homo sapiens mRNA; cDNA DKFZp434L1226 (f	2.04	3.23
	414154	AW205314	Hs.323060	ESTs	2.03	2.95
25	448987	AW079749	Hs.184719	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.03	1.59
	418452	BE379749	Hs.85201	C-type (calcium dependent, carbohydrate-	2.03	2.01
	406845	M57466	Hs.814	major histocompatibility complex, class	2.03	2.49
	414516	AI307802		ESTs, Weakly similar to T43458 hypotheti	2.02	1.55
	417032	AA192489	Hs.271838	ESTs	2.02	1.48
30	414875	H42679	Hs.77522	major histocompatibility complex, class	2.02	2.79
	414522	AW518944	Hs.76325	immunoglobulin J chain	2.02	1.84
	410511	AA743475	Hs.285555	ESTs	2.02	1.87
	423533	NM_014339	Hs.129751	interleukin 17 receptor	2.02	2.26
	437259	AI377755	Hs.120695	ESTs	2.02	2.34
35	426298	AW965058	Hs.111583	ESTs, Weakly similar to I38022 hypotheti	2.02	1.88
	426722	U53923	Hs.171952	occludin	2.02	1.57
	421229	AK565930	Hs.7086	hypothetical protein MGC12435	2.02	1.79
	410491	AA465131	Hs.84001	Homo sapiens clone 25218 mRNA sequence	2.02	1.97
	447232	AW499834	Hs.327	interleukin 10 receptor, alpha	2.02	2.09
40	449317	AW293413	Hs.132905	I3A24 protein	2.02	1.84
	439556	AI823752	Hs.163603	ESTs	2.02	1.62
	443031	AW134896	Hs.49418	ESTs	2.01	1.58
	444838	AV651880	Hs.208558	ESTs	2.01	1.69
	453108	AI311457	Hs.99472	ESTs	2.01	1.64
45	432967	AA572949	Hs.207668	ESTs	2.01	1.83
	441390	AI692560	Hs.131175	ESTs	2.01	1.63
	448076	AJ133123	Hs.20196	adenylate cyclase 9	2.01	1.80
	420256	U84722	Hs.76206	cadherin 5, type 2, VE-cadherin (vascula	2.01	2.32
	414629	AA345824	Hs.76688	carboxylesterase 1 (monocyte/macrophage	2.01	1.90
50	418460	M26315	Hs.85258	CD8 antigen, alpha polypeptide (p32)	2.01	1.90
	415443	T07353	Hs.7948	ESTs	2.00	1.54
	424925	NM_002432	Hs.153837	myeloid cell nuclear differentiation ant	2.00	2.74
	404394			ENSP00000241075:TRRAP PROTEIN.	2.00	2.99
	459557	N58315		gb:yv68g06.s1 Soares fetal liver spleen	2.00	1.89
55	437204	AL110216		ESTs, Weakly similar to I55214 salivary	2.00	1.46
	429295	AA682377	Hs.99218	ESTs, Moderately similar to ALU8_HUMAN A	2.00	1.37
	440567	BE076969	Hs.7337	hypothetical protein FLJ10936	2.00	1.51
	431193	AW749605	Hs.296770	KJAA1719 protein	1.99	2.01
	432485	N90868	Hs.276770	CDW52 antigen (CAMPATH-1 antigen)	1.99	2.11
60	450293	N36764	Hs.171118	hypothetical protein FLJ00026	1.98	1.79
	417072	BE243915	Hs.81118	leukotriene A4 hydrolase	1.98	2.47
	428073	AA448187	Hs.47385	ESTs	1.98	1.92
	448133	AA723157	Hs.73769	folate receptor 1 (adult)	1.98	2.94
	420838	AW118210	Hs.42321	ESTs	1.98	1.67
65	435252	AI539519	Hs.120969	Homo sapiens cDNA FLJ11562 fis, clone HE	1.97	2.10
	430702	U56979	Hs.278568	H factor 1 (complement)	1.97	1.84
	456804	AI421645	Hs.139851	caveolin 2	1.97	1.58
	438195	H89350		gb:yw28d08.s1 Morton Fetal Cochlea Homo	1.97	1.93
	459299	BE094291	Hs.155651	hepatocyte nuclear factor 3, beta	1.97	2.28
70	413836	W92003	Hs.70614	ESTs	1.97	1.80
	400417	X72475		Target	1.97	1.75
	427814	W28383	Hs.180900	Williams-Beuren syndrome chromosome regl	1.96	1.46
	408826	AF216077	Hs.48376	Homo sapiens clone HB-2 mRNA sequence	1.96	2.18
	446135	AW130288	Hs.170318	hypothetical protein FLJ10147	1.95	2.05
75	455815	BE045344	Hs.274923	ESTs, Moderately similar to unnamed prot	1.95	2.21
	414572	AD077174	Hs.288181	cathepsin H	1.95	2.65
	433891	AA613792		gb:mo97h03.s1 NCL_CGAP_P2 Homo sapiens	1.95	1.71
	417370	T28551	Hs.82030	tryptophanyl-tRNA synthetase	1.95	2.88
	451609	AL046019	Hs.209276	ESTs	1.94	3.25
80	447131	NM_004585	Hs.17468	retinoic acid receptor responder (tazaro	1.94	2.94
	430887	N66801	Hs.260287	KJAA1841 protein	1.94	1.62
	414700	H63202	Hs.38163	ESTs	1.94	1.72
	417874	BE516160	Hs.82829	protein tyrosine phosphatase, non-recept	1.94	1.56
	443907	AD078484	Hs.9963	TYRO protein tyrosine kinase binding pro	1.93	2.22
	425252	AW391162		calreticulin	1.92	2.14
	428758	AA433988	Hs.98502	CA125 antigen; mucin 16	1.92	2.19
	425810	AI923627	Hs.31903	ESTs	1.92	1.76

5	433618	AA602539	Hs.345494	ESTs	1.92	1.84
	424517	AI539443	Hs.137447	Homo sapiens cDNA FLJ12169 fis, clone MA	1.92	2.27
	418036	Z37976	Hs.83337	latent transforming growth factor beta b	1.92	1.76
	450747	AI064821	Hs.318535	ESTs, Highly similar to 1818357A EWS gen	1.92	1.72
	409745	AA077391		gb:7B14E12 Chromosome 7 Fetal Brain cDNA	1.91	1.83
	426780	BE242284	Hs.172199	adenyle cyclase 7	1.91	1.67
	452386	R12499	Hs.20468	ESTs	1.91	2.84
	436670	AI275803	Hs.123428	ESTs	1.91	3.12
10	414359	M62194	Hs.75929	cadherin 11, type 2, OB-cadherin (osteob	1.91	1.82
	446566	H95741	Hs.17914	membrane-spanning 4-domains, subfamily A	1.90	2.06
	424528	AW073971	Hs.238954	ESTs, Weakly similar to KIAA1204 protein	1.90	1.85
	444745	AF117754	Hs.11861	thyroid hormone receptor-associated prot	1.90	1.85
	428165	AA423849	Hs.79530	M5-14 protein	1.90	1.70
	426721	AA383588	Hs.131816	ESTs, Weakly similar to T29012 hypotheti	1.89	3.22
15	449271	AW338067	Hs.7889	Homo sapiens cDNA FLJ11946 fis, clone HE	1.88	2.07
	438576	AI458213	Hs.77542	ESTs	1.88	2.25
	437751	AA767373		ESTs, Moderately similar to ALU1_HUMAN A	1.88	2.41
	449518	AI076459	Hs.15978	KIAA1272 protein	1.88	1.63
20	430634	AI860651	Hs.26685	calcyphosine	1.88	3.01
	440663	AW452976	Hs.247112	hypothetical protein FLJ10902	1.88	1.65
	440099	AI080058	Hs.6909	DKFZP564G202 protein	1.88	1.78
	414662	AI036058	Hs.76807	major histocompatibility complex, class	1.88	2.37
	444051	N48373	Hs.10247	activated leucocyte cell adhesion molecu	1.87	2.07
	414454	AI870175	Hs.13957	ESTs	1.87	2.68
25	427792	M63928	Hs.180841	tumor necrosis factor receptor superfami	1.87	2.25
	415801	R24219	Hs.278443	Fc fragment of IgG, low affinity IIB, re	1.87	2.05
	430027	AB023197	Hs.227743	KIAA0980 protein	1.87	1.70
	426771	BE561776	Hs.158484	Bruton agammaglobulinemia tyrosine kinas	1.87	2.18
30	412443	AW951103	Hs.130767	Homo sapiens cDNA: FLJ23553 fis, clone L	1.86	2.27
	408771	AW732573	Hs.47584	potassium voltage-gated channel, delayed	1.86	2.31
	420361	N92054	Hs.194718	zinc finger protein 265	1.86	1.63
	413869	NM_000878	Hs.75596	interleukin 2 receptor, beta	1.86	2.13
	422241	Y08062	Hs.170121	protein tyrosine phosphatase, receptor t	1.85	1.77
35	442434	AA995787	Hs.129583	ESTs	1.85	2.15
	422735	AA169685	Hs.119529	Niemann-Pick disease, type C2 gene	1.85	2.77
	444083	AI123195		gb:cc17a10.x1 Soares_NSF_F8_9W_OT_PA_P_S	1.84	1.73
	445679	AI823951	Hs.129700	toll-like 1	1.84	1.57
	418183	NM_001772	Hs.83731	CD33 antigen (gp67)	1.84	2.02
40	414776	AA155598	Hs.212839	hypothetical protein FLJ14195; KIAA1714	1.84	1.72
	414803	X03100	Hs.914	Human mRNA for S8 classII histocompatibi	1.84	2.47
	408669	AI493591	Hs.78146	platelet/endothelial cell adhesion molec	1.84	2.29
	455508	AW976165		gb:EST388274 MAGI resequences, MAGN Homo	1.84	1.69
	410290	AA402307	Hs.322844	hypothetical protein DKFZp584A176	1.83	2.12
45	426457	AW894667	Hs.22660	chimerin (chimaerin) 1	1.83	1.59
	459247	N46243	Hs.110373	ESTs, Highly similar to T42626 secreted	1.83	1.57
	417086	AA194446		ESTs, Weakly similar to S55024 nebulin,	1.83	1.45
	425175	AF020202	Hs.155001	UNC13 (C. elegans)-like	1.83	2.18
	429962	AF080158	Hs.228573	Inhibitor of kappa light polypeptide gen	1.83	1.75
50	436596	AA829427	Hs.243081	ESTs	1.83	2.83
	436486	AA742221	Hs.120633	ESTs	1.82	2.14
	433365	AF026944	Hs.293797	ESTs	1.82	2.50
	449943	AF104266	Hs.24212	isotrophilin	1.82	2.08
	426437	BE076537	Hs.169895	ubiquitin-conjugating enzyme E2L 6	1.82	2.37
55	421563	NM_006433	Hs.105808	granulysin	1.82	2.48
	449161	N63431	Hs.47647	ESTs, Weakly similar to T00057 hypotheti	1.81	2.81
	453107	NM_016113	Hs.279746	vanilloid receptor-like protein 1	1.81	2.55
	418371	M13580	Hs.84288	CD74 antigen (invariant polypeptide of m	1.81	2.50
	432946	U60899	Hs.279854	mannosidase, alpha, class 2B, member 1	1.81	2.05
60	432297	AW663632	Hs.285625	Homo sapiens mRNA; cDNA DKFZp434A119 (fr	1.80	3.13
	428877	AI857119	Hs.120036	troponin I, cardiac	1.80	2.94
	409485	S80890	Hs.252136	ficollin (collagen/fibrinogen domain-cont	1.80	2.28
	423081	AF262892	Hs.123159	sperm associated antigen 4	1.80	1.56
	425458	H89317	Hs.182869	ESTs	1.80	2.21
65	425390	AI092634	Hs.156114	protein tyrosine phosphatase, non-recept	1.80	1.41
	409208	Y00093		Integrin, alpha X (antigen CD11C (p150),	1.80	2.20
	430570	AI417881	Hs.292464	ESTs	1.80	1.62
	439425	AF086244	Hs.114659	ESTs	1.80	2.37
70	406688	AI634522	Hs.152925	KIAA1268 protein	1.80	2.13
	440675	AW005054	Hs.279788	ESTs, Weakly similar to KCC1_HUMAN CALCI	1.80	1.60
	423690	AA329648	Hs.23804	ESTs, Weakly similar to PN0089 son3 prot	1.79	1.57
	405621	X57809	Hs.8997	immunoglobulin lambda locus	1.79	2.18
	431959	X83629	Hs.2877	cadherin 3, type 1, P-cadherin (placenta	1.79	1.68
	403421			NM_016369: Homo sapiens claudin 18 (CLDN	1.79	2.47
75	430423	AI190548	Hs.143479	ESTs, Weakly similar to hypothetical pro	1.79	2.92
	416384	AI076903	Hs.79283	selectin P ligand	1.79	1.87
	440638	AI376551		gb:de64e10.x1 Soares_NFL_T_GBC_S1 Homo s	1.78	1.69
	422003	AA361760	Hs.296326	ESTs	1.78	2.05
	412288	NM_003005	Hs.73800	selectin P (granule membrane protein 140	1.77	1.82
80	432987	AI864771	Hs.27954	CD86 antigen (CD28 antigen ligand 2, B7-	1.77	2.03
	441602	AI655043	Hs.133456	ESTs	1.77	2.01
	458194	AW383818		ESTs, Moderately similar to ALU2_HUMAN A	1.76	2.35
	432565	AA563477	Hs.152428	ESTs	1.76	2.63
	421071	AI311238	Hs.104476	ESTs, Weakly similar to CGHU1E collagen	1.75	2.59

	408989	AW361666	Hs.49500	KIAA0746 protein	1.75	1.68
	414807	A1738616	Hs.77348	hydroxyprostaglandin dehydrogenase 15-(N	1.75	1.54
	403903			C5001632*.gij10645308[gb]AAG21430.1)AC00	1.76	3.20
5	421461	AW291023		ESTs, Weakly similar to A46010 X-linked	1.74	2.67
	430850	BE144152		gb:MRX-HT0165-030200-005-e02 HT0165 Homo	1.74	2.52
	424377	AF081675	Hs.146322	kïlar cell lectin-like receptor subfam	1.74	2.15
	443684	N20617	Hs.194397	leptin receptor	1.74	1.51
	423057	AW961597	Hs.130816	ESTs, Moderately similar to t38022 hypot	1.74	1.83
10	448282	AW880830	Hs.186273	ESTs	1.73	2.57
	431890	X17033	Hs.271986	integrin, alpha 2 (CD49B, alpha 2 subuni	1.73	1.87
	431630	NM_002204	Hs.265829	Integrin, alpha 3 (antigen CD49C, alpha	1.73	2.21
	412896	AW804157	Hs.308026	major histocompatibility complex, class	1.72	2.37
	407366	AF028942	Hs.17518	gb:Homo sapiens cï33 mRNA, partial sequ	1.72	2.16
15	419407	AW410377	Hs.41502	hypothetical protein FLJ121276	1.72	1.52
	442117	AW664954	Hs.128899	ESTs; hypothetical protein for IMAGE:447	1.71	1.55
	438806	NM_014859	Hs.6336	KIAA0672 gene product	1.71	1.57
	434795	BE620794	Hs.4147	translocating chain-associating membrane	1.71	2.21
	426490	NM_001621	Hs.170087	aryl hydrocarbon receptor	1.71	1.46
20	418307	U70867	Hs.83974	solute carrier family 21 (prostaglandin	1.71	2.49
	421221	AW276914	Hs.326714	Homo sapiens clone IMAGE:713177, mRNA se	1.71	1.57
	423857	N48902	Hs.133481	Homo sapiens mRNA; cDNA DKFZp564O0862 (f	1.71	1.56
	408393	AW015318	Hs.23165	ESTs	1.70	1.43
	432409	AA806538	Hs.130732	KIAA1575 protein	1.70	1.54
25	440817	A1341423	Hs.288433	neurotrophin	1.70	2.17
	421445	AA913059	Hs.104433	Homo sapiens, clone IMAGE:4054868, mRNA	1.69	2.54
	453891	H12235	Hs.226505	ESTs	1.69	2.07
	422278	AF072873	Hs.114218	fizzled (Drosophila) homolog 6	1.68	1.54
	424687	J05070	Hs.161738	matrix metalloproteinase 9 (gelatinase B	1.68	2.29
30	434951	AF161442	Hs.191591	Homo sapiens HSPC524 mRNA, partial cds	1.68	2.24
	444301	AK000136	Hs.10760	asporin (LRR class 1)	1.68	1.44
	407775	NM_004914	Hs.38772	RAB36, member RAS oncogene family	1.68	2.03
	437119	A1379921	Hs.177043	ESTs	1.68	4.21
	426836	N41720	Hs.172684	vesicle-associated membrane protein 8 (e	1.68	2.28
35	453499	BE181412	Hs.23245	hypothetical protein FLJ11767	1.68	2.76
	428289	M26301	Hs.2253	complement component 2	1.67	2.40
	404854			Target Exon	1.67	1.76
	450954	A1804740	Hs.25691	receptor (calcitonin) activity modifying	1.67	2.32
	410048	W76467	Hs.343674	proline oxidase homolog	1.67	3.03
40	407857	A1928445	Hs.92254	synaptotagmin-like 2	1.66	1.51
	447827	U73727	Hs.19718	protein tyrosine phosphatase, receptor t	1.66	2.01
	417193	A1922189	Hs.288390	hypothetical protein FLJ122795	1.66	2.05
	421237	U25029	Hs.102761	Human glucocorticoid receptor alpha mRNA	1.66	2.20
	433350	BE563152	Hs.10362	Homo sapiens cDNA: FLJ20944 fls, clone A	1.66	2.11
45	417451	AW007280	Hs.115537	putative dipeptidase	1.65	2.11
	443791	N64458	Hs.143345	ESTs	1.65	2.11
	440475	A1807671	Hs.24040	potassium channel, subfamily K, member 3	1.65	2.04
	431743	AW972642	Hs.293055	ESTs	1.64	2.64
	400328	X87344		transporter 2, ATP-binding cassette, sub	1.64	2.43
50	451876	T63141		gb:ytb99a12s1 Stralagene lung (937210) H	1.64	2.02
	417321	N68722	Hs.191368	ESTs	1.64	2.53
	439237	AW408158	Hs.318893	ESTs, Weakly similar to A47562 B-cell gr	1.64	2.01
	416707	U97502	Hs.87497	butyrophilin, subfamily 3, member A2	1.63	2.17
	432176	AW090386	Hs.112278	arrestin, beta 1	1.63	2.04
55	450708	AA376654		eukaryotic translation initiation factor	1.62	2.05
	429670	BE242256	Hs.2441	KIAA0022 gene product	1.62	1.39
	448406	AW772298	Hs.21103	Homo sapiens mRNA; cDNA DKFZp564B076 (fr	1.62	1.57
	439971	W32474	Hs.301746	RAF2A, member of RAS oncogene family	1.62	1.44
	452424	A1964028	Hs.48353	ESTs	1.62	2.53
60	423161	AL048227	Hs.124776	downstream of cadherin 6 (by 3.3kb)	1.62	1.39
	416316	H58721	Hs.271628	ESTs	1.62	1.39
	431806	AF188114	Hs.270737	tumor necrosis factor (ligand) superfam	1.62	2.67
	452203	X57522		transporter 1, ATP-binding cassette, sub	1.62	2.45
	427509	M62505	Hs.2161	complement component 5 receptor 1 (C5a I	1.62	1.61
65	438089	W05391		nuclear receptor subfamily 1, group I, m	1.61	1.45
	409038	T97490	Hs.60002	small inducible cytokine subfamily A (Cy	1.61	1.62
	433417	AA587773	Hs.8859	Homo sapiens, Similar to RIKEN cDNA 5830	1.61	2.40
	444009	A1380792	Hs.135104	ESTs	1.60	2.16
	438057	AJ004832	Hs.5038	neuropathy target esterase	1.60	2.60
70	437352	AL353957	Hs.284181	hypothetical protein DKFZp434P0531	1.60	2.57
	433614	W07476	Hs.277101	cytochrome c oxidase subunit IV isoform	1.60	3.30
	410494	M36564	Hs.64016	protein S (alpha)	1.59	1.42
	411125	AA151847	Hs.68877	cytochrome b-245, alpha polypeptide	1.59	2.02
	446616	R65964	Hs.334873	ESTs, Weakly similar to ALU8_HUMAN ALU S	1.59	2.52
75	419918	X80700	Hs.93728	pre-B-cell leukemia transcription factor	1.59	2.04
	428141	DS0402	Hs.162611	solute carrier family 11 (proton-coupled	1.59	1.98
	434308	N51517	Hs.47282	ESTs	1.58	2.29
	447341	AF106941	Hs.18142	arrestin, beta 2	1.58	2.09
	454315	AW373664	Hs.251928	BANP homolog, SMAR1 homolog	1.58	2.10
80	423261	AJ271684	Hs.126355	C-type (calcium dependent, carbohydrate-	1.57	1.75
	433671	AW138797	Hs.132906	19A24 protein	1.57	2.05
	412669	AA290712	Hs.82407	CXC chemokine ligand 16	1.57	2.71
	436906	H95990	Hs.181244	major histocompatibility complex, class	1.57	2.24
	417771	AA804698	Hs.82547	retinoic acid receptor responder (tazaro	1.57	1.43



	406825	AI982529	Hs.84298	CD74 antigen (invariant polypeptide of m	1.57	2.37
	406858	AA505445	Hs.300697	immunoglobulin heavy constant gamma 3 (G	1.56	1.61
	423329	AF054910	Hs.127111	teklin 2 (testicular)	1.58	2.51
5	424909	S78187	Hs.153752	cell division cycle 25B	1.55	2.00
	431921	NA6455	Hs.55879	ESTs	1.54	3.04
	437400	AB011542	Hs.55599	EGF-like domain, multiple 5	1.54	1.44
	426274	D38122	Hs.2007	tumor necrosis factor (ligand) superfamily	1.54	3.04
	415078	AA311223	Hs.283091	found in inflammatory zone 3	1.53	2.61
10	417929	R27219	Hs.74647	Human T-cell receptor active alpha-chain	1.53	2.18
	401854			Target Exon	1.53	2.08
	406850	AI624300	Hs.172928	collagen, type I, alpha 1	1.52	1.52
	433815	AI696602	Hs.112757	ESTs	1.52	2.57
	431130	NM_006103	Hs.2719	HE4; epistidymis-specific, whey-acidic pr	1.52	1.35
15	453870	AW385001	Hs.8042	Homo sapiens cDNA: FLJ23173 fs, clone L	1.51	1.43
	414763	U97276	Hs.77268	quiescin Q6	1.50	2.07
	428281	AA194554	Hs.183434	ATPase, H transporting, lysosomal (vacuo	1.50	1.46
	412870	N22788	Hs.82407	CXC chemokine ligand 16	1.50	2.83
	407601	AC002300	Hs.37129	sodium channel, nonvoltage-gated 1, beta	1.50	2.04
20	432894	AW167658	Hs.279772	brain specific protein	1.50	2.25
	457941	AI004525	Hs.14587	ESTs, Weakly similar to AF151859 1 CGI-1	1.49	2.22
	442743	AI801351	Hs.302110	ESTs, Weakly similar to MUC2_HUMAN MUCIN	1.49	2.09
	419542	AA366037	Hs.90911	solute carrier family 16 (monocarboxylic	1.49	2.40
	433124	U51712	Hs.13775	hypothetical protein SMAP31	1.49	1.39
25	422487	AJ010901	Hs.198257	mucin 4, tracheobronchial	1.49	1.39
	428610	AB024937	Hs.211092	LJUNX protein; PLUNC (palate lung and nas	1.48	1.76
	417433	BE270266	Hs.82128	ST4 oncofetal trophoblast glycoprotein	1.48	1.41
	429109	AL008637	Hs.196352	neutrophil cytosolic factor 4 (40kD)	1.48	1.44
	409361	NM_005982	Hs.54416	sine oculis homeobox (Drosophila) homolo	1.47	1.31
30	427872	AA835058		Human DNA sequence from clone RP1-261G23	1.47	2.50
	449853	AF006823	Hs.24040	potassium channel, subfamily K, member 3	1.47	2.21
	431369	BE184455	Hs.251754	secretory leukocyte protease inhibitor (	1.47	1.50
	415149	X12451	Hs.78056	cathepsin L	1.46	1.84
	447217	BE465754	Hs.17778	neuropilin 2	1.46	1.40
35	427585	D31152	Hs.179729	collagen, type X, alpha 1 (Schmid metaph	1.46	2.18
	445672	AI907438	Hs.282862	ESTs	1.46	2.01
	432210	AI567421	Hs.273330	Homo sapiens, clone IMAGE:3544662, mRNA,	1.46	2.10
	458208	AJ380016		ESTs, Weakly similar to T4S4_HUMAN TRANS	1.46	1.60
40	452518	AA280722	Hs.24758	ESTs, Weakly similar to I39022 hypothetical	1.45	1.40
	419577	L36531	Hs.91296	integrin, alpha 8	1.45	1.40
	439620	AA838727	Hs.124405	ESTs, Weakly similar to A46010 X-linked	1.45	1.57
	423804	AW403448	Hs.18725	Interferon-stimulated transcription fact	1.45	2.10
	424658	NM_002406	Hs.151513	mannosyl (alpha-1,3)-glycoprotein beta-	1.44	2.00
	428494	AA233439	Hs.184634	hypothetical protein FLJ20005	1.44	1.45
45	431573	AW971070	Hs.291160	ESTs, Weakly similar to ALU1_HUMAN ALU S	1.44	1.40
	408524	AW402151	Hs.54873	tumor necrosis factor (ligand) superfamily	1.43	2.01
	406787	AW090702	Hs.240615	tubulin alpha 1	1.42	1.86
	419452	U33635	Hs.90572	PTK7 protein tyrosine kinase 7	1.42	1.95
	406422			Target Exon	1.41	2.02
50	421341	AJ243212		deleted in malignant brain tumors 1	1.41	1.47
	421195	BE484560	Hs.133017	ESTs	1.41	2.42
	425998	AU076629	Hs.165950	fibroblast growth factor receptor 4	1.41	2.05
	426125	X87241	Hs.186994	FAT tumor suppressor (Drosophila) homolo	1.41	1.34
	451220	AF124251	Hs.26054	novel SH2-containing protein 3	1.40	2.10
55	409238	AL049980	Hs.61515	Homo sapiens mRNA: cDNA DKFZp554G112 (tr	1.40	3.64
	411880	AW872477		gb:hm30183.x1 NC1_CGAP_Thy4 Homo sapiens	1.40	3.24
	432133	AB033088	Hs.272567	KIAA1282 protein	1.40	2.78
	428833	AI928355		ESTs	1.40	2.02
60	455797	BE091833		gb:IL2-BT0731-280400-076-F04 BT0731 Homo	1.39	1.55
	415765	NM_005424	Hs.78824	tyrosine kinase with immunoglobulin and	1.39	2.09
	427732	NM_002580	Hs.21199	secretin receptor	1.38	2.44
	449745	AI668594	Hs.176508	ESTs, Weakly similar to CP4Y_HUMAN CYTOC	1.38	1.85
	407568	AA740954	Hs.62699	ESTs	1.38	3.13
	422573	AW297985	Hs.295726	integrin, alpha V (vitronectin receptor	1.38	1.38
65	427138	N77624	Hs.173717	phosphatidic acid phosphatase type 2B	1.37	1.12
	457918	AL359590	Hs.162604	hypothetical protein DKFZp762M186	1.36	2.01
	423696	Z92546	Hs.131819	Sushi domain (SCR repeat) containing	1.36	2.54
	416700	AW498958	Hs.343476	cathepsin D (lysosomal aspartyl protease	1.36	2.94
	407244	M10014		fibrinogen, gamma polypeptide	1.36	1.29
70	451109	F11875	Hs.5534	Homo sapiens cDNA FLJ12861 fs, clone NT	1.35	1.34
	406654	M90686	Hs.73885	HLA-G histocompatibility antigen, class	1.35	2.47
	407603	AW965705	Hs.62604	Homo sapiens, clone IMAGE:429322, mRNA,	1.34	1.68
	445417	AK001058	Hs.12680	a disintegrin-like and metalloprotease w	1.34	1.92
	436982	AB018305	Hs.5378	spondin 1, (f-spondin) extracellular mat	1.34	1.86
75	427507	AF240487	Hs.178152	tol-like receptor 7	1.34	2.11
	446957	AI699629	Hs.156781	ESTs	1.34	3.75
	436553	AW407157	Hs.8997	immunoglobulin lambda locus	1.34	2.18
	456637	AW161450	Hs.109201	CGI-86 protein	1.33	1.78
	422129	AJ076635	Hs.1478	serine (or cysteine) proteinase inhibito	1.33	1.95
80	417785	X59812	Hs.82568	cytochrome P450, subfamily XXVIIA (stero	1.32	2.05
	414849	AW372721	Hs.291623	ESTs, Weakly similar to unnamed protein	1.32	2.08
	436986	AA740983	Hs.210792	ESTs, Weakly similar to ALU8_HUMAN ALU S	1.32	2.06
	410698	AI817130	Hs.9195	Homo sapiens cDNA FLJ13698 fs, clone PL	1.32	2.08
	424247	X14008	Hs.234734	lysozyme (renal amyloidosis)	1.31	1.29

5	429500	X78565	Hs.289114	hexabrachion (tenascin C, cytolectin)	1.30	1.25
	413474	T86312	Hs.334485	Homo sapiens cDNA FLJ14438 fls, clone HE	1.30	1.92
	406659	AA663985	Hs.277477	major histocompatibility complex, class	1.30	2.22
	451049	AA013353		gb:ze28h10.s1 Soares retina N2b4HR Homo	1.30	2.12
	436494	AA720897	Hs.128295	ESTs	1.29	2.30
	438374	AA321866	Hs.6193	hypothetical protein FLJ14590	1.28	2.34
	417801	AA417383	Hs.82582	Integrin, beta-like 1 (with EGF-like rep	1.28	2.39
	425883	AL137708	Hs.161031	Homo sapiens mRNA; cDNA DKFZp434K0322 (f	1.28	1.69
10	428458	AA428820	Hs.251399	neurogranin (protein kinase C substrate,	1.27	2.00
	443180	R15875	Hs.258576	claudin 12	1.26	1.25
	421764	AI681535	Hs.148135	serine/threonine kinase 33	1.26	2.01
	414217	AJ309298	Hs.279898	Homo sapiens cDNA: FLJ23165 fls, clone L	1.26	1.21
	433283	BE041135	Hs.175622	ESTs	1.24	3.05
15	426759	AI590401	Hs.21213	ESTs	1.23	1.20
	436446	AW016809	Hs.119021	ESTs	1.23	1.20
	421467	AA291590	Hs.97252	ESTs	1.22	1.54
	431353	AA828032		ESTs	1.22	3.00
	427403	AA402107	Hs.257146	ESTs, Moderately similar to I38022 hypot	1.22	1.91
20	453037	AA045175	Hs.17914	ESTs	1.22	2.40
	437608	AA761605	Hs.292308	ESTs, Weakly similar to ALU1_HUMAN ALU S	1.22	2.26
	439941	AI392840	Hs.18272	amino acid transporter system A1	1.22	1.22
	451385	AA017656		gb:ze39h01.r1 Soares retina N2b4HR Homo	1.21	1.49
	400496			ENSP00000224716*:GTP-binding protein SAR	1.20	1.25
25	409432	D49372	Hs.54460	small inducible cytokine subfamily A (Cy	1.20	1.44
	407239	AA076350	Hs.67846	leukocyte immunoglobulin-like receptor,	1.19	2.06
	426486	BE178285	Hs.170058	Homo sapiens mRNA; cDNA DKFZp586B0220 (f	1.18	2.02
	445033	AV652402	Hs.72901	cyclin-dependent kinase inhibitor 2B (p1	1.17	1.14
	439866	AA280717	Hs.6727	Ras-GTPase activating protein SH3 domain	1.14	1.16
30	440555	D31292	Hs.6853	hypothetical protein FLJ22167	1.14	2.19
	446006	NM_004403	Hs.13530	deafness, autosomal dominant 5	1.13	1.12
	432203	AA305746	Hs.49	macrophage scavenger receptor 1	1.12	2.43
	432798	AA565309	Hs.194016	ESTs	1.10	2.23
	411274	NM_002778	Hs.68423	kallikrein 10	1.10	1.09
35	438856	N40027	Hs.7473	ESTs	1.09	1.52
	421652	AF026692	Hs.105700	secreted frizzled-related protein 4	1.09	1.07
	448253	H25899	Hs.201691	ESTs	1.08	2.10
	409718	D88640	Hs.56045	src homology three (SH3) and cysteine ri	1.08	2.08
	409788	AA248587	Hs.30237	ESTs, Weakly similar to ALUB_HUMAN !!!	1.06	1.58
40	449321	AA001150	Hs.132937	ESTs	1.05	2.08
	418893	AI750878	Hs.87408	thrombospondin 1	1.05	1.02
	402333			Target Exon	1.03	1.03
	421814	L12350	Hs.108623	thrombospondin 2	1.02	1.02
	425884	AJ006276	Hs.159003	transient receptor potential channel 6	1.00	2.35
45	458158	AW296778	Hs.144734	Human DNA sequence from clone RP3-416F21	1.00	2.73
	406517			nel (chicken)-like 2	1.00	2.07
	442526	AW277221		ESTs	1.00	2.21
	446164	AW273539		hypothetical protein FLJ23577	1.00	2.52
	449122	A631310	Hs.196955	ESTs	1.00	2.23
50	438038	AI732629		ESTs, Weakly similar to TA2R HUMAN, BETA	1.00	2.04
	429420	AK001679	Hs.202289	hypothetical protein DKFZp434P1735	1.00	2.02
	453672	U73531	Hs.34526	G protein-coupled receptor	1.00	2.57
	436187	AK000998	Hs.297221	Homo sapiens cDNA FLJ10136 fls, clone HE	1.00	2.84
	438909	AF085839		gb:Homo sapiens full length insert cDNA	1.00	2.23
55	423609	AA328348	Hs.216269	ESTs	1.00	2.19
	419261	X07876	Hs.89791	wingless-type MMTV integration site fami	1.00	2.28
	438284	AA708016	Hs.190389	ESTs	1.00	2.22
	440932	AI801509	Hs.182080	ESTs	1.00	1.66
	403420			Target Exon	1.00	1.86
60	431169	AW971240		gb:EST383329 MAGE resequences, MAGL Homo	1.00	2.02
	425916	NM_006786	Hs.162200	urotensin 2	1.00	2.11
	419721	NM_001850		aquaporin 4	1.00	2.26
	421761	AL120297	Hs.108043	Friend leukemia virus integration 1	1.00	1.86
	425781	AF001622	Hs.159523	class-I MHC-restricted T cell associated	1.00	1.98
65	415094	D59513	Hs.330778	ESTs	1.00	2.32
	434088	AF116677	Hs.249270	hypothetical protein PRO1966	1.00	2.26
	420727	H75701	Hs.99886	complement component 4-binding protein,	1.00	1.84
	430049	AW277085	Hs.99819	ESTs	1.00	1.87
	446868	AV660737		ESTs	1.00	1.79
70	418786	AJ796317	Hs.203594	Homo sapiens uncharacterized gastric pro	1.00	1.44
	436391	AJ227892	Hs.146274	ESTs	1.00	1.30
	413059	BE151498		gb:RC0-HT0295-291199-031-E11 HT0295 Homo	1.00	1.42
	427739	AW196755	Hs.98105	NYD-SP14 protein	1.00	2.41
	452788	AW294571	Hs.138040	ESTs	1.00	2.23

TABLE 32B:

Pkey: Unique Eos probeset identifier number  
 CAT number: Gene cluster number  
 Accession: Genbank accession numbers

Pkey	CAT Number	Accession
431089	125941_2	BG940189 AW063489 AA715980 BF001091 BF880066 AA656102 AA621946 AA491826

421798	3042_4	BCD17829 AW276646 A1984209 AA663933 AA634104 AA551528 AA634041 AA298038 BG483990 T89297 BF853958 H64685 T90329 T60844 T57747 BF852694 T92529 BG482852 BF883064 BF883066 N74880 AA829796 N90716
400269	2726_1	X65018 BC022318 NM_003019 BE466060 A1732255 BF446634 A1820677 A1C02217 A1924488 B1821373 B1770406 B1823937 B1820265 B1489632 BG482911 AA617783 A1807697 AW205576 T94427 AA487101 T94513 B1819407 B1822450 B1820618 B1824619 BG542624 BG537862
432222	539529_1	BG207209 BE166299 A1204995 BG199355 AW969908 AA528755 AW440776 B1044354
432810	101919_1	BG292389 C06094 A1668930 AW104634 AA310513 AA830127 AW134897 AA046953 AW955490 A1810530 BF092924 AA334151 AA334725 D31302 R20723 AA263003 B1824635 A1276287 A1684428 A1524234 A1335035 AW014704 A1911443 AA972102 A1367512 A1126570 AW016017 A1286003 A1147163 AA626033 A1539156 AA565542 A1094253 AW512512 BE889628 AA744752 BE846306 AW471324 AA999975 AA863400 H17550 A1991439 R46187 BE929954 AA333976 D63102 BF744491
418259	133853_1	BM310925 AA426110 BM310629 BF434286 AW015091 BF475996 AW118867 BE675186 A1688588 A1453594 AW590589 A1652425 A1827969 BF068946 A1802866 A1393380 A1476224 AW590639 AW136271 A1458252 A1524728 AA843768 AA782158 A1336058 A1097532 AW451563 AA459408 AA459633 AA418444 W23607 BG940150 A1493445 AW064728 A1221929 A1868744 AA215405 AA768713 AA821546 BF928317 BE464132 A1890909 AW271459 A1262061 AA216404 N74332 BG940151 BG952261 AA972115 W96315 AA689586 R69057 BF768886 BE769254 W05240
429228	215430_1	BG676155 BM009591 A1479075 A1025794 A1017957 AA448270 BE486812 AA853422 A1392549 BG952034 AA513384 BF840124 BE714620 AW969605 A1553633
459702	539529_1	BG207209 BE166299 A1204995 BG199355 AW969908 AA528755 AW440776 B1044354
422667	224778_1	A1758223 AW469334 BF940841 AW080348 A1270363 A1055892 BE464168 BF431797 BE350144 BF448739 A1693409 BF432999 D62848 AA398070 A1383375 AW611490
456034	685588_1	AA136653 AA136656 AW450979 AA954358 AA809054 AW238038 AA492073 BE168945
430709	1234627_1	AW969880 AA484813 AA501874 R34356
450726	666520_1	A1732297 AW204600 T95017
442048	750422_1	AW340495 A1984319 AA974603
406685	0_0	M18728
440028	598730_1	AW473675 A1190744 W69997 AW104913 A1221098 W69996 AA885487 AA861491
437866	34267_1	U52054 AL581000 AA156850 AW293838 B1335865 AA024963 BF149420 BE073977 AW602574 BE164012 BE163992 BE163974 AW402161 BM194134 AW966609 W84374 BF916380 AA385173 W84366 AA383743 BF903698 AA043776 W84421 AA778445 AW444904 BF446960 AA837481 AV755539 AW468444 AW468002 AA811830 AA551805 A1866686 A1572124 AA687333 D20160 AA812489 AU186248 AU186004 AA156781 A1536733 BM144850 A1471883 AA040826 BF507639 AA043777 AW874142 BE832623 BE163972 B1022546 B1021204 A1000341 A1766341 AW873274
458332	1139685_1	AA602954 AA603200
407192	2200202_1	A1884781 A1652305 A1651694 A1638744 A1962493
449328	3030726_1	AA534222 AA632632 T81234
432340	1619980_1	AF119847 AA437261 AA436887 A1132965
434194	62680_1	AK001125 AU120581 AU146612 AW301393
436198	28727_1	AA876138 A1239602 A1698953
440248	2616908_1	AW975183 AA973683 A1365103 A1699495 A1301767
442006	1239046_1	AK024966 AU158033 AA978370 R79120 BE327015 AA779740 R79121
438177	9337_12	AW972063 AA568764 AA804491 AW885688 AA766069
435154	126605_1	L13288 AA928785 A1808912 AW872978 AA565655 A1022915 A1304920 A1564366 A1668793 A1094557 T60038 R72302 H45409 AA508805 R46356
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	442526	AF150283 AW182900 AW277221 AV735848
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	438038	A1732629 A1732831 AA776249
	438909	AF085839 R69254 R69137 AW188788
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		R37645 AW227014 AW197830 A1359402 AA707906 AL119885 H23480 T18037 A1950756 T62597 T91664 R40195 D60188 H23014 T89715 H05749
		H24054 AA001565 H15041 C15205 D69987 R13787 R61283 H23479 H07874 R14070 R52555 R21139 H06856 AA348655 AL120460 T62525
		AV725241 AA046875 A1361812 H13341 BG150488 AL119338 Z42792 F05695 H07966 F06492 R59866 D31594 H09436 R35726 B1917845
		BG704196 BF735196 AL036526 BG569879 AW195713 R59867 AA016968 H09087 BE841173 AW893631
	446868	AK074473 BC017997 B1831060 BF971101 A1888394 A1082624 AV708785 W86073 WD7772 AV660737 A1816793 R52250 BG183529 AA633473
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TABLE 32C:

65

Pkey:

Ref:

Strand:

Nt\_position:

Unique number corresponding to an Eos probeset

Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham, et al." refers to the publication entitled "The DNA sequence of human chromosome 22" Dunham, et al. (1999) *Nature* 402:489-495.

Indicates DNA strand from which exons were predicted.

Indicates nucleotide positions of predicted exons.

70

Pkey

Ref

Strand

Nt\_position

400880

9931121

Plus

29235-29336,36363-36580

402474

7547175

Minus

53526-53628,55755-55920,57530-57757

406387

9255180

Plus

116229-116371,117512-117651

404277

1834458

Minus

91665-91846

75

402674

8077108

Minus

39290-39502

404240

5002624

Minus

116132-116407,116663-116922

405102

8076881

Minus

120922-121296

406122

5144087

Minus

30940-31386

400750

8119067

Plus

198991-199168,199316-199548

80

404394

3135305

Minus

37121-37205,37491-37762,41053-41140,4132

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9665041

Minus

126609-126773,139986-140205

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7710571

Minus

101165-102597

404854

7143420

Plus

14260-14537

5	401854	7770538	Plus	151483-151637,151902-152008,152146-15231
	406422	9256411	Plus	163003-163311
	400498	9743564	Plus	41515-41695
	402333	8844110	Minus	165693-165856
	406517	7711431	Plus	7151-7402
	403420	9664969	Plus	159635-159938

10 TABLE 33A: About 800 genes upregulated in lung fibrosis relative to normal lung

Pkey: Unique Eos probeset identifier number  
 ExAcn: Exemplar Accession number, Genbank accession number  
 UnigeneID: Unigene number  
 Unigene Title: Unigene gene title  
 R1: 90th percentile of lung fibrosis AIs divided by 90th percentile of normal lung AIs, where the minimum value for the numerator and denominator was set to 50

	Pkey	ExAcn	UnigeneID	Unigene Title	R1
20	406964	M21305		FGENES predicted novel secreted protein	16.10
	431089	BE041395		ESTs, Weakly similar to unknown protein	12.38
	421110	AJ250717	Hs.1355	cathepsin E	11.86
	428330	L22524	Hs.2256	matrix metalloproteinase 7 (matrilysin,	11.62
25	431958	X63628	Hs.2877	cadherin 3, type 1, P-cadherin (placenta	9.90
	444381	BE387335	Hs.283713	hypothetical protein BC014245	8.58
	406850	AI624300	Hs.172928	collagen, type I, alpha 1	8.26
	429500	X78565	Hs.289114	hexabrachion (tenascin C, cytactin)	8.24
	422487	AJ010901	Hs.188267	mucin 4, tracheobronchial	7.72
30	408380	AF123050	Hs.44532	diubiquitin	7.24
	432306	Y18207	Hs.303090	protein phosphatase 1, regulatory (inhib	7.15
	458034	AW450979		gb:U1-H-B13-ala-a-12-Q-U1.s1 NCL CGAP_Su	7.12
	453355	AW295374	Hs.31412	myopodin	6.96
	408562	AI436323	Hs.31141	roundabout (axon guidance receptor, Dros	6.88
35	421552	AF026692	Hs.105700	secreted frizzled-related protein 4	6.83
	426125	X87241	Hs.166994	FAT tumor suppressor (Drosophila) homolo	6.72
	407192	AA609200		glraf12e02.s1 Soares_tastis_NHT Homo sap	6.72
	438089	W05391		nuclear receptor subfamily 1, group I, m	6.62
	449623	NM_000579	Hs.54443	chemokine (C-C motif) receptor 5	6.58
40	421952	AA300900	Hs.98849	dymen light chain 2B (DNLC2B)	6.46
	417433	BE270268	Hs.82126	5T4 oncofetal trophoblast glycoprotein	6.32
	439195	H89360		gbcyw2Bd08.s1 Morton Fetal Cochlea Homo	6.29
	444301	AK000136	Hs.10760	asporin (LRR class 1)	6.28
	414051	NM_000699	Hs.335493	amylase, alpha 2A; pancreatic	6.13
45	423057	AW961597	Hs.130816	ESTs, Moderately similar to I38022 hypot	6.11
	430702	U56979	Hs.278568	H factor 1 (complement)	6.10
	424878	H57111	Hs.221132	ESTs	6.00
	417878	U90916	Hs.82845	Homo sapiens cDNA: FLJ21830 fs, clone H	6.00
	414217	AI309298	Hs.278898	Homo sapiens cDNA: FLJ23165 fs, clone L	5.94
50	408491	AI088063	Hs.7882	ESTs	5.94
	419407	AW410377	Hs.41502	hypothetical protein FLJ21276	5.82
	432222	AI204935		gbcen03c03.x1 Stratagene schizo brain S1	5.92
	407857	AI928445	Hs.92254	synaptotagmin-like 2	5.90
55	433230	AW136134	Hs.220277	ESTs	5.86
	412719	AW018610	Hs.816	ESTs	5.86
	407788	BE514982	Hs.38891	S100 calcium-binding protein A2	5.82
	426759	AI590401	Hs.21213	ESTs	5.72
	418007	M13509	Hs.83169	matrix metalloproteinase 1 (interstitial	5.72
	421814	L12350	Hs.108623	thrombospondin 2	5.71
60	430687	N66801	Hs.260287	KIAA1841 protein	5.70
	453870	AW385001	Hs.8042	Homo sapiens cDNA: FLJ23173 fs, clone L	5.62
	436954	AA740151	Hs.130425	ESTs	5.58
	411573	AB029000	Hs.70823	KIAA1077 protein	5.55
	432441	AW292425	Hs.163484	intron of hepatocyte nuclear factor-3 at	5.39
65	410606	AW418779	Hs.114889	ESTs	5.38
	410800	BE280421	Hs.94499	ESTs	5.32
	413195	AA127382	Hs.22404	protease, serine, 12 (neutrypsin, moto	5.28
	406687	M31126		matrix metalloproteinase 11 (stromelysin	5.28
	417733	AL048678	Hs.82503	H.sapiens mRNA for 3'UTR of unknown prot	5.22
70	412622	AW664708	Hs.171959	ESTs	5.22
	439841	AI392640	Hs.18272	amino acid transporter system A1	5.18
	440575	AW005054	Hs.279788	ESTs, Weakly similar to KCC1_HUMAN CALCI	5.15
	430299	W26673	Hs.106747	serine carboxypeptidase 1 precursor prot	5.13
	425177	AF127577	Hs.156017	nuclear receptor interacting protein 1	5.12
75	444314	AI140497		gbcow76b09.s1 Soares_fetal_liver_spleen_	5.11
	444527	NM_005408	Hs.11383	small inducible cytokine subfamily A (Cy	5.04
	452239	AW379378		protein tyrosine phosphatase, receptor t	4.97
	453874	AW591763	Hs.36131	collagen, type XIV, alpha 1 (undulin)	4.96
	443884	N20617	Hs.194397	leptin receptor	4.94
80	444040	AF204231	Hs.182982	golgin-67	4.94
	428261	AA194554	Hs.183434	ATPase, H transporting, lysosomal (vacuo	4.93
	440687	AL080222	Hs.7356	hypothetical protein FLJ13110	4.92
	420000	AB036063	Hs.94262	p53-inducible ribonucleotide reductase s	4.92
	432435	BE218886	Hs.282070	ESTs	4.92

	422573	AW297985	Hs.295726	integrin, alpha V (vitronectin receptor	4.90
	430665	BE350122	Hs.157367	ESTs, Weakly similar to I78885 serine/th	4.90
	446006	NM_004403	Hs.13530	deafness, autosomal dominant 5	4.90
5	415992	C05837	Hs.145807	hypothetical protein FLJ13593	4.82
	430027	AB023197	Hs.227743	KIAA0980 protein	4.78
	408393	AW015318	Hs.23165	ESTs	4.76
	449509	AA001615	Hs.84561	ESTs	4.72
	416206	AW206248	Hs.111092	hypothetical protein FLJ22332	4.72
10	412828	AL133396	Hs.74821	prion protein (p27-30) (Creutzfeld-Jakob	4.72
	433226	AW503733	Hs.9414	KIAA1488 protein	4.68
	444745	AF117754	Hs.11861	thyroid hormone receptor-associated prot	4.68
	442994	AI026718	Hs.16954	ESTs	4.66
	430580	AA806105	Hs.300697	immunoglobulin heavy constant gamma 3 (G	4.66
15	409361	NM_005982	Hs.54416	shc occlus homeobox (Drosophila) homolo	4.66
	418005	AI186220	Hs.83164	collagen, type XV, alpha 1	4.65
	433586	T85301		gbv78d05.s1 Soares fetal liver spleen	4.64
	424917	AI636208	Hs.96901	hypothetical protein FLJ23049	4.64
	424408	AI754813	Hs.146428	collagen, type V, alpha 1	4.64
20	418113	AI272141	Hs.83484	SRY (sex determining region Y)-box 4	4.62
	451109	F11876	Hs.5534	Homo sapiens cDNA FLJ12861 fis, clone NT	4.62
	450086	AW016343	Hs.233301	ESTs	4.61
	422163	AF027208	Hs.112360	prominin (mouse)-like 1	4.60
	442652	AI005163	Hs.201378	ESTs, Weakly similar to T12545 hypotheti	4.59
25	410269	AA318181	Hs.61635	shc transmembrane epithelial antigen of	4.58
	418259	AA215404		ESTs	4.54
	426716	NM_006379	Hs.171921	sema domain, immunoglobulin domain (ig),	4.54
	432810	AA863400		ESTs	4.54
	407112	AA070801	Hs.61615	ESTs, Weakly similar to ALU7_HUMAN ALU S	4.53
30	436100	AA704806	Hs.143842	ESTs, Weakly similar to 2004390A chromos	4.52
	412652	AI801777		ESTs	4.52
	438899	AF085833	Hs.135624	ESTs	4.52
	416179	R19015	Hs.79067	MAD (mothers against decapentaplegic, Dr	4.52
	436252	AI539519	Hs.120869	Homo sapiens cDNA FLJ11582 fis, clone HE	4.52
35	443324	RA4013	Hs.164225	ESTs	4.51
	407690	RA7799	Hs.266957	hypothetical protein FLJ14281	4.51
	431393	AW971493	Hs.134269	ESTs, Highly similar to cytoline recepto	4.51
	452518	AA280722	Hs.24758	ESTs, Weakly similar to I38022 hypotheti	4.50
	431843	AA516420		ESTs, Weakly similar to I38022 hypotheti	4.50
40	436865	AW880358	Hs.339808	hypothetical protein FLJ10120	4.46
	452561	AI692181	Hs.49169	KIAA1634 protein	4.48
	440273	AI805392	Hs.325335	Homo sapiens cDNA: FLJ23523 fis, clone L	4.45
	442048	AA974603		gbcp34f05.s1 Soares_NFL_T_GBC_S1 Homo s	4.44
	436120	AI248193	Hs.119860	ESTs	4.44
45	423575	C18863	Hs.163443	Intron of perlestin (OSF-2os)	4.44
	428697	AW296451	Hs.24605	ESTs	4.44
	439886	AA280717	Hs.6727	Ras-GTPase activating protein SH3 domain	4.43
	429688	BE245189	Hs.211610	CUG triplet repeat, RNA-binding protein	4.43
	414462	BE622743	Hs.301064	arfaplin 1	4.42
50	428598	AA852773	Hs.334838	KIAA1866 protein	4.42
	420838	AW118210	Hs.42321	ESTs	4.41
	458584	AF217518	Hs.8360	PTD012 protein	4.40
	434340	AI193043	Hs.128685	ESTs, Weakly similar to T17226 hypotheti	4.40
	400076			Eos Control	4.38
55	431049	AA846576	Hs.103267	hypothetical protein FLJ22548 similar to	4.38
	446773	H73456	Hs.13299	Homo sapiens mRNA; cDNA DKFZp761M0111 (f	4.36
	420288	AI198510	Hs.267812	ESTs, Weakly similar to ALU7_HUMAN ALU S	4.36
	433339	AF019226	Hs.8036	glioblastoma overexpressed	4.36
	412490	AW803564	Hs.288850	Homo sapiens cDNA: FLJ22528 fis, clone H	4.34
60	416391	AI878827	Hs.79284	mesoderm specific transcript (mouse) hom	4.34
	421221	AW276914	Hs.326714	Homo sapiens clone IMAGE:713177, mRNA se	4.33
	409342	AI077058	Hs.54089	BRCA1 associated RING domain 1	4.33
	429228	AI553633		ESTs	4.32
	426458	D83032	Hs.169984	nuclear protein	4.30
65	408369	R38438	Hs.182575	SLC15A2 Solute carrier family 15 (H+/pep	4.30
	432476	T94344	Hs.326263	ESTs	4.29
	434963	AW974857	Hs.288719	Homo sapiens cDNA FLJ12142 fis, clone MA	4.28
	436446	AW016809	Hs.119021	ESTs	4.27
	439556	AI623752	Hs.163603	ESTs	4.26
70	428179	AI127772	Hs.278696	serum/glucocorticoids regulated kinase-II	4.26
	428411	AW281464	Hs.10338	ESTs	4.26
	434936	AI285970	Hs.183817	ESTs	4.23
	413048	M93221	Hs.75182	mannose receptor, C type 1	4.23
	432608	NM_002104	Hs.3066	granzyme K (serine protease, granzyme 3;	4.22
75	413859	AW992356	Hs.8364	Homo sapiens pyruvate dehydrogenase kina	4.22
	409977	AW805510	Hs.97056	hypothetical protein FLJ21634	4.22
	441297	AW403084	Hs.7766	ubiquitin-conjugating enzyme E2E 1 (homo	4.21
	421229	AI056580	Hs.7086	hypothetical protein MGC12435	4.20
	458844	AI264155	Hs.152981	CDP-diacylglycerol synthase (phosphatida	4.20
80	423578	AW950454	Hs.222830	ESTs	4.20
	446608	N75217	Hs.257846	ESTs	4.20
	424238	AA337401	Hs.137635	ESTs	4.19
	450747	AI064821	Hs.318535	ESTs, Highly similar to 1818357A EWS gen	4.18
	420674	NM_000055	Hs.1327	butyrylcholinesterase	4.18



	428227	AA321649	Hs.2248	small inducible cytokine subfamily B (Cy	4.18
	439593	BE073597	Hs.124863	ESTs	4.17
	442369	AI566071		ESTs	4.16
5	445885	AI734009	Hs.127899	KIAA1603 protein	4.16
	459702	AI204995		gb:an03c03.x1 Stratagene schizo brain S1	4.16
	452960	AK001335	Hs.31137	protein tyrosine phosphatase, receptor t	4.16
	440703	AL137663	Hs.7378	Homo sapiens mRNA; cDNA DKFZp434G227 (fr	4.15
	407347	AA829847		gb:cd40d07.s1 NCI_CGAP_GCB1 Homo sapiens	4.14
10	409153	W03754	Hs.50813	hypothetical protein FLJ20022	4.13
	430168	AW968343	Hs.145582	DKFZP434I735 protein	4.12
	451184	T87943		transcription factor 7-like 2 (T-cell sp	4.12
	426174	AA547959	Hs.115838	ESTs	4.12
	431562	AI884334	Hs.11637	ESTs	4.12
15	417094	NM_006895	Hs.81182	histamine N-methyltransferase	4.12
	425259	AL049280	Hs.155397	Homo sapiens mRNA; cDNA DKFZp564K143 (fr	4.12
	449437	AI702038	Hs.100057	Homo sapiens cDNA: FLJ22902 fis, clone K	4.12
	425053	AF046024	Hs.154320	ubiquitin-activating enzyme E1C (homolog	4.10
	444020	R92962	Hs.35052	ESTs	4.10
20	439424	AI478667	Hs.118183	hypothetical protein FLJ22833	4.10
	416987	D86957	Hs.80712	KIAA0202 protein	4.10
	457121	AI743770	Hs.180513	ESTs, Weakly similar to KIAA0622 protein	4.09
	422737	M26939	Hs.119571	collagen, type III, alpha 1 (Ehlers-Danl	4.09
	446619	AU078643	Hs.313	secreted phosphoprotein 1 (osteopontin,	4.08
25	431183	AW749505	Hs.296770	KIAA1719 protein	4.08
	452144	AA032197	Hs.102558	Homo sapiens, clone MGC:5352, mRNA, comp	4.08
	433308	AA582718	Hs.291650	ESTs	4.08
	445756	AA290690	Hs.300776	ESTs	4.08
	431745	AW972448	Hs.163425	ESTs	4.08
30	444610	AI174783		gb:HA2501 Human fetal liver cDNA library	4.07
	440099	AL080058	Hs.6909	DKFZP564G202 protein	4.06
	439398	AA284267	Hs.221504	ESTs	4.05
	432731	R31178	Hs.287820	fibronectin 1	4.05
	415075	L27479	Hs.77889	Friedreich ataxia region gene X123	4.05
35	433626	AF078859	Hs.86347	hypothetical protein	4.05
	428055	AA420564	Hs.101760	ESTs	4.04
	412584	X54870	Hs.74085	DNA segment on chromosome 12 (unique) 24	4.04
	413243	AA769266	Hs.193657	ESTs	4.02
	431214	AA294921	Hs.348024	v-rat simian leukemia viral oncogene hom	4.02
40	453753	BE252983	Hs.35086	ubiquitin specific protease 1	4.02
	414504	AW069181	Hs.115175	sterile-alpha motif and leucine zipper c	4.02
	434404	AW445034	Hs.256578	ESTs	4.02
	407604	AW191962		collagen, type VII, alpha 2	4.02
	429412	NM_005235	Hs.2407	POU domain, class 2, associating factor	4.02
45	436772	AW975688		metallothionein 1E (functional)	4.00
	443257	AI334040	Hs.11614	HSPC065 protein	4.00
	450187	AA736788	Hs.78521	KIAA1717 protein	3.98
	433913	AI694106	Hs.72325	ESTs, Weakly similar to I38022 hypotheti	3.98
	415090	AI223810	Hs.43213	ESTs, Weakly similar to IEFS_HUMAN TRANS	3.98
50	434096	AW662958	Hs.75825	pleomorphic adenoma gene-like 1	3.98
	432374	W68815	Hs.301805	Homo sapiens cDNA FLJ11346 fis, clone PL	3.98
	426818	AA554827	Hs.292996	DKFZp434A0131 protein	3.98
	440118	AB040893	Hs.6968	KIAA1460 protein	3.98
	413636	W92003	Hs.70614	ESTs	3.97
55	442647	AL038436	Hs.31388	ESTs	3.96
	449188	AW072939	Hs.347187	myotubularin related protein 1	3.96
	450656	AA010539	Hs.18912	ESTs	3.96
	410817	AI262789	Hs.93659	protein disulfide isomerase related prot	3.94
	429784	M89786	Hs.30	membrane-spanning 4-domains, subfamily A	3.94
60	408483	AA464836	Hs.291079	ESTs, Weakly similar to T27173 hypotheti	3.94
	407879	AA045464	Hs.6557	zinc finger protein 161	3.93
	436146	Z36842	Hs.57549	ESTs	3.93
	433658	L03678	Hs.156110	immunoglobulin kappa constant	3.93
	429365	AW973253	Hs.292689	ESTs	3.92
65	437210	AA311443	Hs.293563	Homo sapiens mRNA; cDNA DKFZp586E2317 (f	3.92
	432467	T03667	Hs.239388	Human DNA sequence from clone RP1-304B14	3.92
	452416	AA026115	Hs.114777	ESTs	3.92
	413873	AI310151	Hs.173524	ESTs	3.91
	400196			Eos Control	3.91
70	437175	AW968078	Hs.87773	protein kinase, cAMP-dependent, catalyti	3.90
	453204	R10799	Hs.191950	ESTs	3.90
	454076	AW204712	Hs.81957	ESTs	3.90
	431183	NM_006855	Hs.250696	KDEL (Lys-Asp-Glu-Leu) endoplasmic retic	3.90
	437158	AW090198		KIAA1150 protein	3.90
75	443970	AI290341	Hs.166571	ESTs	3.90
	441633	AW658544	Hs.112242	normal mucosa of esophagus specific 1	3.90
	452221	T93500	Hs.28792	Homo sapiens cDNA FLJ11041 fis, clone PL	3.90
	444057	AA316896	Hs.257267	FYVE and coiled-coil domain containing 1	3.89
	411495	AF000693	Hs.70359	KIAA0136 protein	3.88
80	438452	AI220911	Hs.288959	hypothetical protein FLJ20920	3.88
	410297	AA148710		lumican	3.88
	427698	AW972594	Hs.335499	ESTs	3.88
	436769	AA748675		ESTs	3.86
	417819	AI253112	Hs.133540	ESTs	3.86



	445800	AA126419	Hs.32944	inositol polyphosphate-4-phosphatase, ty	3.86
	425838	NM_014071	Hs.159613	nuclear receptor coactivator RAP250; per	3.86
	422173	BE385828	Hs.250619	phorbol-like protein MOS019 (CEM15)	3.86
5	428147	AW629965	Hs.234983	ESTs, Weakly similar to 2109260A B cell	3.85
	445693	AW800444	Hs.76507	LPS-induced TNF-alpha factor	3.85
	432706	NM_013230	Hs.286124	CD24 antigen (small cell lung carcinoma	3.85
	412636	NM_004415		desmoplakin (DPI, DPM)	3.84
	436169	AAB88311	Hs.17602	Homo sapiens cDNA FLJ12381 fis, clone MA	3.84
10	418876	AA740616		gb:ny97f11.s1 NCL_CGAP_GCB1 Homo sapiens	3.84
	436110	AA704899	Hs.291651	ESTs, Weakly similar to I38022 hypotheti	3.84
	430317	AB020645	Hs.239189	glutaminase	3.84
	442806	AW294522	Hs.149991	ESTs	3.84
	414320	U13616	Hs.75893	ankyrin 3, node of Ranvier (ankyrin G)	3.82
	430512	AF182294	Hs.241578	U6 snRNA-associated Sm-like protein LSm8	3.82
15	427051	BE178110	Hs.173374	Homo sapiens cDNA FLJ10500 fis, clone NT	3.82
	430673	AA744650	Hs.136345	ESTs	3.82
	453394	AW960474	Hs.40289	ESTs	3.81
	431266	AW149321	Hs.105411	ESTs	3.80
	434987	AW976114		ESTs	3.80
20	452695	AI634651	Hs.30250	v-maf musculoaponeurotic fibrosarcoma (a	3.79
	435176	AA744875	Hs.189413	ESTs	3.78
	437134	AA349944	Hs.42915	ARP2 (actin-related protein 2, yeast) ho	3.77
	430709	R34356		gb:yh85d01.s1 Soares placenta Nb2HP Homo	3.77
25	427157	U51166	Hs.173824	thymine-DNA glycosylase	3.76
	441989	AA306207	Hs.286241	protein kinase, cAMP-dependent, regulato	3.76
	417228	AL134324	Hs.7312	ESTs	3.76
	418546	AA224827		gb:nc32g04.s1 NCL_CGAP_Pr2 Homo sapiens	3.76
	450779	AW204145	Hs.156044	ESTs	3.75
30	412408	D51103	Hs.73851	ATP synthase, H transporting, mitochondr	3.75
	443879	Z28462	Hs.9927	Homo sapiens mRNA; cDNA DKFZp564D156 (fr	3.75
	414812	X72755	Hs.77367	monokine induced by gamma interferon	3.75
	429494	AA769365	Hs.126058	ESTs	3.75
	447118	AB014589	Hs.330988	Homo sapiens, Similar to Bicucdual D (Dro	3.75
35	408822	AW500715	Hs.57079	Homo sapiens cDNA FLJ13267 fis, clone OV	3.74
	419591	AF090900	Hs.91393	Homo sapiens cDNA: FLJ21887 fis, clone H	3.74
	448121	AL045714	Hs.128653	hypothetical protein DKFZp564F013	3.74
	436260	BE172762	Hs.292710	ESTs, Weakly similar to ALU5_HUMAN ALU S	3.74
	421485	AA243499	Hs.104800	hypothetical protein FLJ10134	3.73
40	414883	AA828960		CDC28 protein kinase 1	3.72
	416178	AI808527	Hs.192822	serologically defined breast cancer anti	3.72
	452250	BE618654	Hs.28607	hypothetical protein A-211C6.1	3.72
	444099	D87432	Hs.10315	solute carrier family 7 (cationic amino	3.72
	438607	AW080237	Hs.252884	ESTs	3.72
45	406221	AA912183	Hs.47447	ESTs	3.72
	418699	BE539639	Hs.173030	ESTs, Weakly similar to ALU8_HUMAN ALU S	3.70
	419900	AI699960	Hs.170698	ESTs	3.70
	446342	BE298665	Hs.14846	Homo sapiens mRNA; cDNA DKFZp564D016 (fr	3.70
50	446100	AW967109	Hs.13804	hypothetical protein dJ462023.2	3.70
	448019	AW947164	Hs.195641	ESTs, Moderately similar to I38022 hypot	3.70
	413263	R78699	Hs.23756	hypothetical protein similar to swine ac	3.70
	447846	AA324057	Hs.77955	Homo sapiens cDNA: FLJ23527 fis, clone L	3.70
	436198	AK001125		Homo sapiens cDNA: FLJ10263 fis, clone HE	3.70
	418300	AI433074	Hs.86682	Homo sapiens cDNA: FLJ21578 fis, clone C	3.69
55	408495	V68798	Hs.237731	ESTs	3.69
	424452	NA1367	Hs.173002	ESTs, Weakly similar to I38022 hypotheti	3.68
	448479	H96115	Hs.21283	UDP-N-acetylglucosamine pyrophosphorylas	3.68
	431974	AW972689	Hs.200934	ESTs	3.68
60	416354	NM_000633	Hs.79241	B-cell CLL lymphoma 2 (BCL2)	3.68
	417412	X16896	Hs.82112	Interleukin 1 receptor, type I	3.68
	413645	AA130992		gb:zo15e02.s1 Stratagene cdon (837204)	3.67
	416221	BE513171	Hs.79086	mitochondrial ribosomal protein L3	3.67
	419111	AA234172	Hs.137418	ESTs	3.67
	423979	AF229181	Hs.136644	CS box-containing WD protein	3.66
65	418875	W19971	Hs.233459	ESTs	3.66
	451690	AW451469	Hs.208990	ESTs	3.66
	423032	AI684748	Hs.119274	RAS p21 protein activator (GTPase activa	3.66
	414888	AL030185	Hs.77558	thyroid hormone receptor interactor 7	3.66
	428347	AI264161	Hs.183773	golgi autoantigen, golgin subfamily a, 4	3.66
70	426779	AA384577	Hs.83714	ESTs, Weakly similar to T00365 hypotheti	3.66
	435335	AI693160	Hs.137928	ESTs	3.66
	410577	X91911	Hs.64639	glioma pathogenesis-related protein	3.66
	452933	AW391423	Hs.288555	Homo sapiens cDNA: FLJ22425 fis, clone H	3.65
	429105	D87077	Hs.196275	KIAA0240 protein	3.64
75	407813	AL120247	Hs.40109	KIAA0872 protein	3.64
	425863	U43804	Hs.159901	Human unidentified mRNA, partial sequenc	3.64
	451678	AA374181	Hs.26799	DKFZP564D0764 protein	3.64
	452420	BE554871	Hs.29463	centrin, EF-hand protein, 3 (CDC31 yeast	3.64
	452408	AA308477	Hs.29379	hypothetical protein FLJ10687	3.64
80	441466	AW673081	Hs.54828	ESTs	3.63
	414013	AA766605	Hs.47099	hypothetical protein FLJ21212	3.62
	420056	AW043684	Hs.99804	ESTs	3.62
	424886	H88584	Hs.96900	hypothetical protein; KIAA1830 protein	3.62
	431774	BE348813	Hs.268561	hypothetical protein FLJ10726	3.62

	435990	AI015862	Hs.131793	ESTs	3.62
	417821	BE245149	Hs.82643	protein tyrosine kinase 9	3.62
	414715	AA587891	Hs.904	amylase-1,6-glucosidase, 4-alpha-glucanot	3.62
	444484	AK002126	Hs.11260	hypothetical protein FLJ11254	3.62
5	417008	AA191708	Hs.325825	Homo sapiens cDNA FLJ20848 fis, clone AD	3.62
	413823	AI341417	Hs.29406	ESTs	3.61
	435354	AA678267	Hs.117115	ESTs	3.60
	427832	AF038362	Hs.180930	TBP-associated factor 172	3.60
	427846	AW499770	Hs.180948	KIAA0729 protein	3.60
10	426116	AA888729	Hs.144694	ESTs	3.60
	457835	AV660976	Hs.3569	hypothetical protein	3.60
	443998	AI620661	Hs.296276	ESTs	3.60
	417867	AW952547	Hs.194603	ESTs, Moderately similar to I38022 hypot	3.58
	418182	AW016405	Hs.16548	ESTs	3.58
15	434941	AW073202	Hs.334825	Homo sapiens cDNA FLJ14752 fis, clone NT	3.58
	424831	H61453		ESTs	3.58
	448410	AK000227	Hs.21126	hypothetical protein FLJ20220	3.58
	421823	N40850	Hs.28625	ESTs	3.58
	414781	D50917	Hs.77293	KIAA0127 gene product	3.57
20	427393	AB029018	Hs.177635	KIAA1095 protein	3.57
	415664	NM_004939	Hs.78580	DEAD/H [Asp-Glu-Ala-Asp(His)] box polypep	3.56
	425465	L18964	Hs.1904	protein kinase C, iota	3.56
	417124	BE122762	Hs.26338	ESTs	3.56
	416602	NM_006159	Hs.79389	Protein kinase C-binding protein NELL2	3.56
25	419490	NM_006144	Hs.90708	granzyme A (granzyme 1, cytotoxic T-lymp	3.55
	421097	AI280112	Hs.125232	Homo sapiens cDNA FLJ13266 fis, clone OV	3.55
	410390	AA876905	Hs.126286	ESTs	3.54
	442073	AW973443	Hs.8086	RNA (guanine-7-) methyltransferase	3.54
	435266	AK001942	Hs.4863	hypothetical protein DKFZp566A1524	3.54
30	441499	AW298235	Hs.101689	ESTs	3.54
	453266	AI565687	Hs.32556	KIAA0379 protein	3.54
	414142	AW368397	Hs.334486	hemicanthin (fibulin 6)	3.54
	438023	AF204893	Hs.6048	FEM-1 (C.elegans) homolog b	3.54
	412245	AI952669	Hs.22883	ESTs, Weakly similar to I38022 hypot	3.54
35	424144	AA454033	Hs.41844	AKAP-associated sperm protein	3.53
	446682	AW205632	Hs.211198	ESTs	3.52
	431392	AI371223	Hs.288671	Homo sapiens cDNA FLJ11997 fis, clone HE	3.52
	433430	AI863736		ESTs	3.52
	420394	AB023161	Hs.97403	KIAA0944 protein	3.52
40	425383	D83407	Hs.156007	Down syndrome critical region gene 1-lik	3.52
	443547	AW271273		hypothetical protein FLJ12666	3.52
	420676	AI434780	Hs.4248	vav 2 oncogene	3.51
	410590	AA322979	Hs.130266	ESTs	3.50
	459645	AA074348		ESTs	3.50
45	401403			Target Exon	3.50
	451166	T98171	Hs.185676	ESTs	3.50
	418836	AI655499	Hs.161712	ESTs	3.50
	421462	AF016495	Hs.104624	aquaporin 9	3.50
	414555	N98569	Hs.76422	phospholipase A2, group IIA (platelets,	3.50
50	432401	NM_013330	Hs.274479	NME7	3.49
	408392	U28831	Hs.44566	KIAA1641 protein	3.49
	425836	AW955696	Hs.90960	ESTs	3.48
	452327	AK000196	Hs.29052	hypothetical protein FLJ20189	3.48
	418721	NM_002731	Hs.87773	protein kinase, cAMP-dependent, catalyti	3.48
55	433627	AF078866	Hs.284296	Homo sapiens cDNA: FLJ22993 fis, clone K	3.48
	422960	AW880487		cadherin 13, H-cadherin (heart)	3.48
	430670	AI417881	Hs.292464	ESTs	3.48
	406387			Target Exon	3.47
	416585	X54182	Hs.79386	telomodin 1, smooth muscle (LMOD1) (Thy	3.46
60	432340	AA534222		gb:nl21d02.s1 NCLCGAP_AA1 Homo sapiens	3.46
	412240	H72176		hypothetical protein FLJ13159	3.46
	450937	R49131	Hs.26267	ATP-dependant interferon response protel	3.46
	443634	H73972	Hs.134460	ESTs	3.46
	422963	M79141	Hs.13234	ESTs	3.46
65	424954	NM_000546	Hs.1846	tumor protein p53 (Li-Fraumeni syndrome)	3.46
	433437	U20536	Hs.3280	caspase 6, apoptosis-related cysteine pr	3.46
	425100	AF061860	Hs.154567	supervillin	3.45
	450680	AF131784	Hs.25318	Homo sapiens clone 25194 mRNA sequence	3.45
	444250	RA0816	Hs.12396	ESTs, Weakly similar to 2004395A chromos	3.44
70	426386	R17298	Hs.295923	seven in absentia (Drosophila) homolog 1	3.44
	447764	NM_003776	Hs.18500	nuclear localization signal deleted in v	3.44
	411251	R19774	Hs.22835	HHGP protein	3.44
	432648	AA557952		gb:nl17c05.s1 NCLCGAP_HSC1 Homo sapiens	3.44
	428708	NM_014897	Hs.190386	KIAA0924 protein	3.44
75	437233	D81448	Hs.339352	Homo sapiens brother of CDO (BOC) mRNA,	3.43
	451743	AW074266	Hs.23071	ESTs	3.42
	453258	AW293134	Hs.32697	ring finger protein (C3H2C3 type) 6	3.42
	448705	H05072	Hs.124984	ESTs, Moderately similar to ALU7_HUMAN A	3.42
	414489	AI620677	Hs.73105	ESTs	3.42
80	429732	U20158	Hs.2488	lymphocyte cytosolic protein 2 (SH2 doma	3.41
	435841	R28522	Hs.186937	ESTs	3.41
	424130	AL050136	Hs.140945	Homo sapiens mRNA; cDNA DKFZp586L141 (fr	3.40
	451198	AW984541		hypothetical protein FLJ21127	3.40

	429952	AF080158	Hs.226573	inhibitor of kappa light polypeptide gen	3.40
	438023	T81819	Hs.302251	ESTs	3.40
	449656	AA002008	Hs.188633	ESTs	3.40
5	437739	AW579216	Hs.264610	ESTs, Moderately similar to Ibd1 (H.sapi)	3.40
	429617	X89984	Hs.211563	B-cell CLL lymphoma 7A	3.40
	448474	A1792014	Hs.13809	hypothetical protein FLJ10648	3.40
	456505	AA504695		ESTs	3.40
	439867	AA847510	Hs.161292	ESTs	3.40
10	442113	BE622187		ESTs, Weakly similar to I38022 hypotheti	3.40
	425922	AL157466	Hs.162751	Homo sapiens mRNA; cDNA DKFZp761E2423 (f	3.40
	435299	A1745458	Hs.343026	ESTs, Weakly similar to T20593 hypotheti	3.40
	421263	AB020638	Hs.103000	KIAA0831 protein	3.40
	410300	AW903988	Hs.62119	hypothetical protein FLJ14600	3.39
15	440028	AW473675		ESTs, Weakly similar to T17227 hypotheti	3.39
	454070	N79110	Hs.21276	collagen, type IV, alpha 3 (Goodpasture	3.38
	432572	A1660840	Hs.191202	ESTs, Weakly similar to ALUE_HUMAN IIII	3.38
	442426	A1373062	Hs.332938	hypothetical protein MGC5370	3.38
	428412	AA428240	Hs.126083	ESTs	3.38
20	445772	AW390822	Hs.301528	L-tyrosine/alpha-aminoadipate aminotra	3.38
	417057	AJ001417	Hs.81086	solute carrier family 22 (extraneuronal)	3.38
	413714	A1560944	Hs.71428	ESTs	3.38
	415663	AW296841	Hs.313332	ESTs	3.38
	407904	W44735	Hs.9285	Homo sapiens cDNA: FLJ21278 fis, clone C	3.37
25	421114	AW975051	Hs.293156	ESTs, Weakly similar to I78885 serina/th	3.37
	440214	AA247118	Hs.7049	hypothetical protein FLJ11305	3.37
	440980	AL042005	Hs.1117	tripeptidyl peptidase II	3.36
	411975	A1916058	Hs.144583	ESTs	3.36
	450330	AW500775	Hs.24817	hypothetical protein FLJ20136	3.36
30	414783	AW069569		inactive progesterone receptor, 23 kD	3.36
	436043	AW868388	Hs.168830	Homo sapiens cDNA FLJ12136 fis, clone MA	3.36
	414546	AA353776	Hs.501	CD48 antigen (B-cell membrane protein)	3.36
	411213	AA676939	Hs.69285	neuropilin 1	3.36
	420613	A1873871	Hs.7041	ESTs, Weakly similar to A47582 B-cell gr	3.35
35	417534	NM_004998	Hs.82251	myosin IE	3.35
	431698	A1492369		ESTs	3.35
	423915	AF039018	Hs.135281	alpha-actinin-2-associated LIM protein	3.35
	441623	AA315805		desmoglein 2	3.34
	420729	AW964697	Hs.290825	ESTs	3.34
40	440010	AA534930	Hs.127236	hypothetical protein FLJ12879	3.34
	448369	AW268962	Hs.111335	ESTs	3.34
	452820	N46161	Hs.35274	ESTs	3.34
	453271	AA903424	Hs.6785	ESTs	3.34
	428839	A1767758	Hs.82302	Homo sapiens cDNA FLJ14814 fis, clone NT	3.34
45	418832	X04011	Hs.68974	cytochrome b-245, beta polypeptide (chro	3.34
	443291	AA325633	Hs.136102	KIAA0853 protein	3.33
	418720	A1381687	Hs.39526	ESTs	3.33
	452107	AB020681	Hs.27973	KIAA0674 protein	3.33
	439943	AW083789	Hs.124620	ESTs	3.33
50	433282	BE539101		hypothetical protein	3.33
	410344	AW978436	Hs.62515	KIAA0494 gene product	3.33
	417259	AW903838	Hs.81800	chondroitin sulfate proteoglycan 2 (vers	3.32
	421379	Y15221	Hs.103982	small inducible cytokine subfamily B (Cy	3.32
	434210	AA65612		ESTs	3.32
55	431923	A1741770	Hs.282690	ESTs, Weakly similar to I38022 hypotheti	3.32
	453199	A1336268	Hs.32353	mitogen-activated protein kinase kinase	3.32
	419534	AA443891	Hs.80858	Homo sapiens clone 25023 mRNA sequence	3.32
	448939	BE267795	Hs.22595	hypothetical protein FLJ10637	3.32
	433312	A1241331	Hs.131765	ESTs, Moderately similar to I38937 DNA/R	3.32
60	422092	AB007883	Hs.111373	KIAA0423 protein	3.32
	412262	W26405		seven in absentia (Drosophila) homolog 1	3.32
	425071	NM_013989	Hs.154424	deiodinase, iodothyronine, type II	3.32
	446094	AK001760	Hs.13801	KIAA1685 protein	3.32
	446493	AK001389	Hs.15144	hypothetical protein DKFZp564O043	3.32
65	420339	AW968259	Hs.186647	ESTs	3.31
	447735	AA775288	Hs.6127	Homo sapiens cDNA: FLJ23020 fis, clone L	3.31
	432331	W37862	Hs.274368	MSTP032 protein	3.31
	433697	AA800357	Hs.239489	TIA1 cytotoxic granule-associated RNA-bi	3.31
	419231	AL046294	Hs.136245	ESTs, Weakly similar to T17227 hypotheti	3.31
70	430950	AA489525		ESTs	3.30
	409758	AW474950	Hs.182258	ESTs, Weakly similar to I78885 serina/th	3.30
	417958	AA767362	Hs.193417	ESTs	3.30
	410763	AF279145	Hs.8956	hypothetical protein FLJ21776	3.30
	419543	AA244170		gbm505h02.s1 NCL_CGAP_Pr1 Homo sapiens	3.30
75	454024	AA993527	Hs.293907	hypothetical protein FLJ23403	3.30
	452039	A1922988	Hs.172510	ESTs	3.30
	443798	R07848	Hs.188522	ESTs	3.29
	449378	AW864026	Hs.59892	ESTs	3.29
	455557	BE065209		gbRC1-BT0314-310300-015-b12 BT0314 Homo	3.28
80	420126	NM_016255	Hs.95260	Autosomal Highly Conserved Protein	3.28
	444291	A1598022	Hs.193989	TAR DNA binding protein	3.28
	424084	A1940675	Hs.20914	hypothetical protein FLJ23056	3.28
	437330	AL353944	Hs.50115	Homo sapiens mRNA; cDNA DKFZp761J1112 (f	3.28
	443774	AL117428	Hs.9740	DKFZP434A236 protein	3.28

	425657	T89839	Hs.119471	ESTs	3.28
	406672	M26041	Hs.198253	major histocompatibility complex, class	3.28
	419905	AW248229	Hs.93659	protein disulfide isomerase related prot	3.27
5	425332	AA633306	Hs.127279	ESTs	3.27
	418529	AW005695	Hs.250897	TRK-fused gene	3.27
	417944	AU077196	Hs.82985	collagen, type V, alpha 2	3.27
	433618	AA602539	Hs.345494	ESTs	3.27
	408530	AA748009	Hs.173328	ESTs	3.26
10	415914	AA306033	Hs.78915	GA-binding protein transcription factor,	3.26
	415102	M31899	Hs.77929	excision repair cross-complementing rode	3.26
	432626	AA471098	Hs.278544	acetyl-Coenzyme A acetyltransferase 2 (a	3.26
	429493	AL134708	Hs.145998	ESTs	3.26
	445860	AA332145	Hs.13392	lethering factor SEC34	3.26
15	450256	AA286887	Hs.24724	MFH-amplified sequences with leucine-ric	3.26
	426083	AW962712	Hs.126712	ESTs, Weakly similar to AF191020 1 E2IG5	3.26
	420059	AF161486	Hs.94769	RAB23, member RAS oncogene family	3.26
	448412	AI219083	Hs.42532	ESTs, Moderately similar to ALU8_HUMAN A	3.26
	436758	AW977167	Hs.155272	ESTs	3.26
20	438011	BE468173	Hs.145696	splicing factor (CC1.3)	3.26
	426354	NM_004010	Hs.169470	dystrophin (muscular dystrophy, Duchenne	3.25
	426860	U04953	Hs.172801	isoleucine-tRNA synthetase	3.25
	437830	AB020658	Hs.5867	KIAA0851 protein; suppressor of actin 1	3.25
	453368	W20296	Hs.288178	Homo sapiens cDNA FLJ11968 fis, clone HE	3.25
25	409939	AA463437	Hs.11556	Homo sapiens cDNA FLJ12556 fis, clone NT	3.25
	413715	AW851121	Hs.75497	Homo sapiens cDNA: FLJ22139 fis, clone H	3.24
	407939	W05608	Hs.312679	ESTs, Weakly similar to A49019 dynein ha	3.24
	418283	S79895	Hs.63942	cathepsin K (pycnodysostosis)	3.24
	414405	AI362533		KIAA0306 protein	3.24
30	445893	AI810702	Hs.202613	ESTs, Weakly similar to TRHY_HUMAN TRICH	3.24
	434423	NM_006769	Hs.3844	UIM domain only 4	3.24
	408951	AW407227	Hs.227591	hypothetical protein FLJ11088	3.24
	408949	AF189011	Hs.49163	putative ribonuclease III	3.24
	410337	M63822	Hs.62354	cell division cycle 4-like	3.24
35	409010	AI648675		Homo sapiens, Similar to RIKEN cDNA 1700	3.24
	400419	AF084545		Target	3.24
	454078	AA601518	Hs.22209	secreted modular calcium-binding protein	3.24
	422461	NM_003417	Hs.117077	zinc finger protein 264	3.24
	441604	AI683049	Hs.201282	ESTs	3.24
40	411950	R77776	Hs.18103	ESTs	3.23
	414895	AW894856	Hs.116278	Homo sapiens cDNA FLJ13571 fis, clone PL	3.23
	430522	N75750	Hs.242271	KIAA0471 gene product	3.23
	426490	NM_001621	Hs.170087	aryl hydrocarbon receptor	3.23
	405268			ENSP00000223174:KIAA0783 PROTEIN.	3.23
45	429165	AW009888	Hs.118258	prostate cancer associated protein 1	3.22
	427196	AW967522	Hs.191593	ESTs	3.22
	439776	AL360140	Hs.176005	Homo sapiens mRNA full length Insert cDN	3.22
	417727	AL133823	Hs.82501	similar to mouse Xmr1 / Dhm2 protein	3.22
	410653	H04588	Hs.30469	ESTs	3.22
50	411952	AA099050		gb:zK85d12.r1 Soares_pregnant_uterus_NbH	3.22
	451099	R52795	Hs.26954	Interleukin 13 receptor, alpha 2	3.22
	440452	AI925136	Hs.55150	ESTs, Weakly similar to CAYP_HUMAN CALCY	3.22
	427480	BE148769	Hs.334477	hypothetical protein FLJ11328	3.22
	444623	AI183829	Hs.202111	ESTs	3.21
55	424006	AF054315	Hs.137548	CD84 antigen (leukocyte antigen)	3.21
	435874	AA888688	Hs.93102	ESTs	3.20
	443901	AW206942	Hs.253594	intron of trichorhinophalangial syndro	3.20
	434982	AW975084		gb:EST387190 MAGE resequencas, MAGN Homo	3.20
	430929	AA489166	Hs.156933	ESTs	3.20
60	426318	NM_002430	Hs.268515	meningioma (disrupted in balanced transl	3.20
	430378	Z29572	Hs.2556	tumor necrosis factor receptor superfam	3.20
	422109	S73265	Hs.1473	gastrin-releasing peptide	3.20
	451119	AA805417	Hs.64753	ESTs	3.20
	414893	AA216295	Hs.77578	ubiquitin specific protease 9, X chromos	3.20
65	432676	AI187366		gb:qf29c01.x1 Soares_testis_NHT Homo sap	3.19
	428620	AA436187	Hs.172631	integrin, alpha M (complement component	3.19
	422040	AA172106	Hs.110950	Rag C protein	3.18
	437838	AI307229		ESTs	3.18
	408761	AA057264	Hs.238936	ESTs, Weakly similar to (define not ava	3.18
70	420789	AI670057	Hs.199882	ESTs	3.18
	419135	R61448	Hs.106728	ESTs, Weakly similar to KIAA1353 protein	3.18
	446019	AI362520		histone deacetylase 3	3.18
	430848	AW021726	Hs.345490	gb:df27e02.y1 Morton Fetal Cochlea Homo	3.18
	425375	AA631977	Hs.155996	KIAA0643 protein	3.18
75	424075	AI807320	Hs.227630	RE1-silencing transcription factor	3.18
	413802	AW964490	Hs.32241	ESTs, Weakly similar to S65657 alpha-1C-	3.18
	453111	AB014580	Hs.31720	hephaestin	3.18
	454042	H22570		hypothetical protein FLJ20093	3.18
	407756	AA116021	Hs.38260	ubiquitin specific protease 18	3.18
80	447183	AI554733	Hs.173182	ESTs	3.18
	437446	AA788946	Hs.101302	ESTs, Moderately similar to CA1C RAT COL	3.18
	431831	AW023204	Hs.302743	ESTs	3.18
	420664	AI681270	Hs.99824	BCE-1 protein	3.18
	451582	AI963026	Hs.289958	ESTs, Weakly similar to putative p150 [H	3.17

	432954	AI076345	ESTs	3.17
	444990	AI912410	Hs.27475	3.17
	427373	AB007972	Hs.130760	3.17
5	408832	AW085690	Hs.63428	3.17
	441889	AI090455	Hs.268371	3.17
	416959	D28459	Hs.80612	3.16
	445525	BE149866	Hs.14831	3.16
	420623	BE245485	Hs.99437	3.16
10	451475	T19093	Hs.26450	3.16
	452066	AA772149	Hs.16979	3.16
	429556	AW138399	Hs.98988	3.16
	448514	AB020628	Hs.301866	3.16
	443732	AI188803	Hs.153944	3.16
	436805	AA731533	Hs.270751	3.16
15	430057	AW450303	Hs.2534	3.16
	417511	ALD49176	Hs.62223	3.16
	423595	R82826	Hs.220702	3.16
	445837	AI261700	Hs.145544	3.16
	418068	AW971155	Hs.293902	3.16
20	430253	AK001514	Hs.236844	3.16
	414183	AW957446	Hs.301711	3.16
	433194	AB040883	Hs.83243	3.16
	453915	AA586721	Hs.266218	3.15
25	407725	BE388094	Hs.21857	3.15
	437412	BE060288	Hs.34744	3.14
	440937	AF202724	Hs.7531	3.14
	449057	AB037784	Hs.22941	3.14
	446126	AW085909		3.14
30	407204	R41933	Hs.140237	3.14
	419145	N98938		3.14
	418757	AI864193	Hs.168728	3.14
	430000	AW205931	Hs.99598	3.14
	437296	AA350994	Hs.20281	3.14
35	441381	H22195	Hs.31874	3.14
	457250	AA811967	Hs.125779	3.14
	422900	AA641201	Hs.222051	3.14
	442787	W93048	Hs.250723	3.14
	430589	AJ002744	Hs.246315	3.14
40	419355	AA428520	Hs.90061	3.14
	409509	AL036923	Hs.322710	3.14
	417308	H60720	Hs.81892	3.14
	409799	D11928	Hs.76945	3.14
	429160	AW663083	Hs.144469	3.14
45	452679	Z42387	Hs.83883	3.14
	451107	AA235108	Hs.17639	3.14
	444034	AL161957	Hs.10177	3.14
	451518	AW340925	Hs.174918	3.14
	435702	AI033647	Hs.121001	3.13
50	439208	AK000299	Hs.180952	3.13
	451838	AW005866	Hs.193969	3.13
	426389	AF134157	Hs.109487	3.13
	446945	AI193115	Hs.16611	3.13
	453920	AI133148	Hs.36602	3.13
55	411529	AA430348	Hs.317586	3.13
	417105	X60992	Hs.81226	3.12
	433854	AA610649	Hs.333239	3.12
	408089	H59799	Hs.42644	3.12
	453686	AL110326	Hs.304679	3.12
60	428187	AF039023	Hs.167495	3.12
	452195	AA994712	Hs.116878	3.12
	416580	T61572	Hs.79385	3.12
	419839	U24577	Hs.93304	3.12
	424001	W67883	Hs.137476	3.12
	434584	D57341	Hs.188351	3.12
65	433401	AF039698	Hs.284217	3.12
	409245	AA361037		3.12
	414290	AI568801	Hs.71721	3.12
	400294	N95796	Hs.276596	3.12
70	429819	AL133011	Hs.225106	3.11
	448873	NM_003677	Hs.22393	3.11
	428471	X57348	Hs.184510	3.11
	436288	AI361722	Hs.192410	3.10
	433376	AI248381	Hs.74122	3.10
75	416051	AA835868	Hs.25253	3.10
	453468	W00712	Hs.32990	3.10
	412340	AA101809	Hs.182685	3.10
	439716	AA814903	Hs.155113	3.10
	419440	AB020689	Hs.90419	3.10
80	433017	Y15067	Hs.279914	3.10
	428513	BE220806	Hs.184697	3.10
	437866	AA158781		3.10
	451027	AW519204	Hs.40808	3.10
	448030	N30714	Hs.325960	3.10

	435445	AA737345	Hs.294041	ESTs	3.10
	420997	AK001214	Hs.100914	hypothetical protein FLJ10352	3.09
	449924	W30681	Hs.146233	Homo sapiens cDNA: FLJ22130 fis, clone H	3.09
5	406122			Target Exon	3.09
	435272	AA906415	Hs.110041	ESTs	3.09
	410726	AJ823859	Hs.15936	ESTs	3.09
	413063	AL035737	Hs.75184	chitinase 3-like 1 (cartilage glycoprotein	3.08
	407949	W21874	Hs.247057	ESTs, Weakly similar to 2109260A B cell	3.08
10	417538	AW050865	Hs.275711	hypothetical protein MGC2452	3.08
	434938	AW500718	Hs.8115	Homo sapiens, clone MGC:16169, mRNA, com	3.08
	434733	AI334367	Hs.159337	ESTs	3.08
	434421	AI915927	Hs.34771	ESTs	3.08
	407930	AA045847	Hs.188361	Homo sapiens cDNA FLJ12807 fis, clone NT	3.08
15	424939	AK000059	Hs.153881	Homo sapiens NY-REN-82 antigen mRNA, par	3.08
	458332	AI000341		ESTs	3.08
	445034	AW293376	Hs.143659	ESTs	3.08
	446570	AV659177	Hs.127160	ESTs	3.08
	429920	AW473208	Hs.115572	ESTs, Weakly similar to 138022 hypotheti	3.08
20	459513	AI032946		gb:ox06p09.s1 Soares_fetal_liver_spleen_	3.06
	419038	AW134824	Hs.190325	ESTs	3.06
	451079	AI827988	Hs.240728	ESTs, Moderately similar to PC4259 ferri	3.06
	417386	AL037228	Hs.82043	D123 gene product	3.06
	453108	AI311457	Hs.99472	ESTs	3.06
25	449328	AI962493		ESTs	3.06
	428656	AB037798	Hs.188790	KIAA1377 protein	3.06
	425509	AF079363	Hs.158213	sperm associated antigen 6	3.06
	447957	NM_014821	Hs.20126	KIAA0317 gene product	3.06
	417226	AW505054	Hs.4283	ESTs	3.05
30	452248	AA093668	Hs.28578	muscleblind (Drosophila)-like	3.05
	426279	AI648520	Hs.169084	tubby like protein 3	3.05
	433914	AA609738	Hs.16525	ESTs	3.05
	453064	R40334	Hs.89463	potassium large conductance calcium-acti	3.05
	431341	AA307211	Hs.251531	proteasome (prosome, macropain) subunit,	3.04
35	441789	D52059	Hs.7972	KIAA0871 protein	3.04
	456437	AI924228	Hs.115185	ESTs, Moderately similar to PC4259 ferri	3.04
	439771	NM_016289	Hs.6406	MOZ5 protein	3.04
	448497	BE613269	Hs.21893	hypothetical protein DKFZp761N0624	3.04
	416240	NM_001981	Hs.79095	epidermal growth factor receptor pathway	3.04
40	409038	T97450	Hs.50002	small inducible cytokine subfamily A (Cy	3.04
	424776	AI867931	Hs.164595	ESTs	3.03
	408409	AW838181	Hs.276337	Homo sapiens cDNA FLJ11537 fis, clone HE	3.03
	429693	BE254962	Hs.211612	SEC24 (S. cerevisiae) related gene famil	3.03
	425960	AW410546	Hs.164649	hypothetical protein DKFZp434H247	3.03
45	431625	AW750527	Hs.6634	Homo sapiens cDNA: FLJ22547 fis, clone H	3.03
	451144	AW956103	Hs.61712	pyruvate dehydrogenase kinase, isoenzyme	3.02
	432274	AK000382	Hs.274251	hypothetical protein FLJ20376; KIAA1797	3.02
	408683	R58865	Hs.46847	TRAF and TNF receptor-associated protein	3.02
	427735	AA916785	Hs.180510	splicing factor proline/glutamine rich (	3.02
50	440603	AL121733	Hs.7299	Novel human gene mapping to chromosome 1	3.02
	415443	T07353	Hs.7948	ESTs	3.02
	439981	AI348408	Hs.124675	ESTs, Weakly similar to T14742 hypotheti	3.02
	406685	M18728		gb:Human nonspecific crossreacting antig	3.02
	446013	AI360167	Hs.152774	ESTs	3.02
55	433902	AW282820	Hs.144905	ESTs	3.02
	412610	X90908	Hs.74126	fatty acid binding protein 6, foal (gas	3.02
	432505	AW274526	Hs.277721	KIAA0049	3.01
	440040	BE219431	Hs.302031	zinc finger protein, subfamily 1A, 4 (Eo	3.01
	432255	AI274270	Hs.96840	KIAA1527 protein	3.01
60	419726	U50330	Hs.1274	bone morphogenetic protein 1	3.01
	417258	N58885		gb:cyg00a09.s1 Soares_multiple_sclerosis_	3.00
	435800	AI248285	Hs.118349	ESTs	3.00
	444838	AV661680	Hs.208558	ESTs	3.00
	456760	AW961251	Hs.127828	guanine nucleotide binding protein (G pr	3.00
65	408360	AI806090	Hs.44344	hypothetical protein FLJ20534	3.00
	427982	NM_016156	Hs.181326	KIAA1073 protein	3.00
	436396	AI883487	Hs.152213	wingless-type MMTV integration site fami	3.00
	410434	AF051152	Hs.63660	toll-like receptor 2	3.00
	412095	AI624707	Hs.5921	Homo sapiens cDNA: FLJ21592 fis, clone C	3.00
70	425955	T96509	Hs.248549	ESTs, Moderately similar to S65857 alpha	2.98
	450247	AF123303	Hs.24713	hypothetical protein	2.98
	417865	AW086059	Hs.6529	ESTs, Weakly similar to 178885 serine/th	2.98
	415457	AW081710	Hs.7369	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.98
	438543	AA810141	Hs.192182	ESTs	2.98
75	415503	U36601	Hs.78473	N-deacetylase/N-sulfotransferase (hepara	2.98
	429138	AB020657	Hs.197298	NS1-binding protein	2.98
	447881	BE520886		GCN1 (general control of amino-acid synt	2.96
	425481	AW978162		ESTs	2.96
	453315	BE644203	Hs.24831	ESTs	2.96
80	440638	AI378551		gb:te64e10.x1 Soares_NFL_T_GBC_S1 Homo s	2.95
	433208	AW002834	Hs.24095	ESTs	2.95
	442495	AI184717		ESTs	2.94
	418858	AW961805	Hs.21145	hypothetical protein RG063M05.2	2.94
	408170	AW204516	Hs.31835	ESTs	2.94

5	430382	AA477908	Hs.282267	ESTs, Moderately similar to I38022 hypol	2.94
	449765	N92293	Hs.205832	ESTs, Moderately similar to ALU6_HUMAN A	2.94
	407361	AA744622	Hs.292845	ESTs, Weakly similar to ALU5_HUMAN ALU S	2.94
	407910	AA650274	Hs.41296	fibronectin laudine rich transmembrane p	2.93
	436005	BE551650	Hs.158126	Homo sapiens cDNA FLJ13350 fls, clone OV	2.93
	449458	AI805078	Hs.208261	ESTs	2.93
	449317	AW263413	Hs.132906	19A24 protein	2.92
	411118	N27944	Hs.221476	ESTs, Weakly similar to AF108480 1 ubinu	2.92
10	449494	AW237014	Hs.315369	Homo sapiens cDNA: FLJ23075 fls, clone L	2.91
	416314	D80529		gbcHUM081H05B Human fetal brain (TFuj)wa	2.91
	433068	NM_006456	Hs.288215	glutyltransferase	2.90
	429272	W25140	Hs.110667	ESTs	2.90
	432519	AI221311	Hs.130704	ESTs, Weakly similar to BCHJUA S-100 pro	2.90
15	445467	AI239832	Hs.15617	ESTs, Weakly similar to ALU4_HUMAN ALU S	2.88
	426782	R14814	Hs.33846	ESTs	2.88
	426216	N77630	Hs.13895	Homo sapiens cDNA FLJ11654 fls, clone HE	2.88
	413882	AA132973	Hs.184492	ESTs	2.88
	421554	AW137676	Hs.97775	ESTs	2.88
20	446488	AB037782	Hs.15119	KIAA1361 protein	2.84
	421391	AW304350	Hs.191958	immunoglobulin superfamily receptor tran	2.84
	424527	AW138558	Hs.334873	ESTs, Weakly similar to I54374 gene NF2	2.82
	419284	AW620869	Hs.215658	ESTs, Moderately similar to ZN91_HUMAN Z	2.82
	415788	AW628686	Hs.78851	KIAA0217 protein	2.82
25	448481	W15284	Hs.74832	ESTs	2.82
	410491	AA485131	Hs.64001	Homo sapiens clone 25218 mRNA sequence	2.80
	443441	AW291196	Hs.92195	ESTs	2.80
	422725	AA315703	Hs.193993	ESTs, Weakly similar to ALU8_HUMAN INI	2.80
	431926	AW972724		gbcEST384816 MAGE resequences, MAGL Homo	2.80
30	420406	AA741024	Hs.88378	ESTs	2.79
	437678	AA829860	Hs.122834	ESTs	2.78
	440115	R41808	Hs.144924	ESTs, Weakly similar to B Chain B, Solut	2.78
	439883	AL359552	Hs.171098	Homo sapiens EST from clone DKFZp434A041	2.78
	446428	AW082270	Hs.12496	ESTs, Weakly similar to ALU4_HUMAN ALU S	2.77
35	451273	NM_014811	Hs.26163	KIAA0649 gene product	2.76
	435154	AA868764		ESTs	2.76
	432451	AW972771	Hs.292471	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.75
	442703	AL044949	Hs.116298	ESTs	2.74
	418341	N71463	Hs.118888	ESTs, Weakly similar to ALU1_HUMAN ALU S	2.74
40	435881	AF254956	Hs.16608	candidate tumor suppressor protein	2.72
	420137	AA308478	Hs.95327	CD3D antigen, delta polypeptide (TIT3 co	2.70
	438441	AW664960	Hs.205319	ESTs	2.70
	428158	NM_001982	Hs.199067	v-erb-b2 avian erythroblastic leukemia v	2.67
	432882	NM_013257	Hs.279696	serum glucocorticoid regulated kinase-II	2.66
45	416239	AL038460	Hs.48948	ESTs	2.62
	434792	AA648253	Hs.132458	ESTs	2.60
	424852	AI222779	Hs.144848	ESTs	2.68
	425638	NM_012337	Hs.158450	nasopharyngeal epithelium specific prote	2.57
	419551	AW582256	Hs.91011	anterior gradient 2 (Xenopus laevis) hom	2.58
50	450571	AF158240	Hs.60397	ESTs	2.56
	442435	AI988208	Hs.244760	ESTs, Highly similar to B34087 hypothet	2.56
	424148	BE242274	Hs.1741	integrin, beta 7	2.66
	445784	AI253165	Hs.148065	ESTs	2.63
	408072	BE005666	Hs.16773	Homo sapiens clone TCCCA00427 mRNA sequ	2.52
55	434779	AF153915	Hs.50151	potassium inwardly-rectifying channel, s	2.52
	450295	AI766732	Hs.210628	ESTs	2.48
	440381	AA917808	Hs.190495	ESTs	2.46
	433923	AI823453	Hs.148625	ESTs	2.44
	420802	U22376	Hs.1334	v-myb avian myeloblastosis viral oncogen	2.44
60	429670	LI01087	Hs.211593	protein kinase C, theta	2.44
	437908	AI082424		ESTs	2.43
	438676	AA813745	Hs.123446	ESTs	2.37
	410361	BE391804	Hs.62661	guanylate binding protein 1, interferon-	2.28
	444969	AI203334	Hs.160828	ESTs	2.28
65	446423	AW139655	Hs.150120	ESTs	2.27
	435517	AA928626	Hs.130177	ESTs	2.27
	425354	U62027	Hs.155935	complement component 3a receptor 1	2.26
	439180	AI393742	Hs.189067	v-erb-b2 avian erythroblastic leukemia v	2.00
	428073	AA448167	Hs.47385	ESTs	1.88
70	433834	AA620742	Hs.130786	ESTs	1.72
	417355	D50683	Hs.82028	transforming growth factor, beta recepto	1.52
	414521	D28124	Hs.76307	neuroblastoma, suppression of tumorigen	1.30
	402550			Target Exon	1.09
75	TABLE 33B:				
	Pkey: Unique Eas probeset identifier number				
	CAT number: Gene cluster number				
	Accession: Genbank accession numbers				
80	Pkey	CAT Number	Accession		
	431089	125941_2	BG940189 AW063489 AA715980 BF001091 BF890066 AA666102 AA621946 AA491826		
	456034	685586_1	AA136653 AA136656 AW450979 AA884358 AA809054 AW238038 AA492073 BE168945		
	407192	2200202_1	AA602964 AA609200		

	438089	22448_4	BM475665 BE644917 AW770789 AW952971 N64863 BM263259 A1224545 A184866 N69114 AW518902 A140169 AA809472 AV654440 AA281642 AU185230 AW337382 A1872923 A1537113 N73882 T83378 H63731 BF671764 AW897824 A1811204 AA344646 BE009112 BG899564 H91240 R80548 N41701 AF086037 H89360 H89546 BG207209 BE166299 A1204995 BG198355 AW959908 AA528755 AW440776 B1044354 M31126 AW749625 AW749625 AW749644 A1140497 BG034853 AW173315 AW303375 BG190225 BG939153 BF057308 AA600738 A1751258 A1090486 BE939504 AW631492 A1768270 A1862133 AA417652 BE378218 AA589207 AW794702 AA024968 AA446024 A1148235 A1191710 BM493797 A1272646 B1493796 AA634323 A1754332 AA258414 C05155 A1218226 A1039656 A1350380 A1084698 A1754389 A1673545 A1432010 A1751035 AA375571 AA446297 BG216743 BC011194 AW517087 A0601054 T85512 BM310925 AA426110 BM310629 BF434288 AW015091 BF475995 AW118887 BE675186 A1688568 A1453584 AW580589 A1652425 A1827869 BF056946 A1802866 A1393380 A1476224 AW590639 AW136271 A1456252 A1624726 AA843768 AA782158 A1336058 A107532 AW451563 AA459408 AA458633 AA418444 W23607 BG940150 A1493445 AW054729 A1221929 A1868744 AA215405 AA786713 AA621546 BF928317 BE454132 A1990909 AW271459 A1262061 AA215404 N74332 BG940151 BG952261 AA972115 W96315 AA689586 R89067 BF768866 BE769254 W05240 BG292389 C06094 A1668830 AW104534 AA310513 AA830127 AW134897 AA046963 AW965490 A1810530 BF092824 AA334151 AA334725 D31302 R20723 AA263003 B1824635 A1276287 A1684428 A1524234 A1335035 AW014704 A1911443 AA972102 A1367512 A126670 AW016017 A1286003 A1147163 AA626033 A1539156 AA565542 A1094253 AW512612 BE889628 AA744752 BE646308 AW471324 AA999975 AA863400 H17550 A1891439 R46187 BE929954 AA333976 D63102 BF744491 A1801777 BE677762 AW008210 AW009441 BE360994 BE207949 A1091475 A1802774 A1827533 A1075363 A1659979 AA687856 A1076125 A1080285 AA670056 AA602411 AA683472 A1436058 AA612825 A1038932 BG057726 A1167355 BF449023 A1289478 AW074381 BF972912 A1991780 AA889119 A1537472 Z39730 A1868963 A1192337 BE112878 BE812939 AA115248 H99006 A1915784 F08973 T16748 D20468 AA605899 BF081234 AA115338 BE812876 BE812972 BE812982 BE813006 BE813019 R43683 BE812981 AW970134 AA516420 AA543007 BG057526 B1001430 A1498371 D60181 D81004 D60382 C15876 N91070 C14815 C15068 D80763 C14818 C15181 D60184 D60856 AW340495 A1984319 AA974603 BG676155 BM009591 A1479075 A1025794 A1017967 AA448270 BE468812 AA853422 A1392649 BG952034 AA513384 BF840124 BE714820 AW969606 A1553633 AA993586 A1521958 A1565071 A1864217 BG207209 BE166299 A1204995 BG199355 AW959908 AA528755 AW440776 B1044354 T23514 A1655785 Z99388 AV716301 BE222333 A1049587 BF732426 A1494086 AV721430 AW577332 N68315 BE672030 A1084440 A1250808 N50901 AA757364 BF515264 A1186231 BE460036 AW631313 AA993514 N54411 BG057515 AW013895 N77963 AA708723 A1273256 N59093 AA522665 A1871574 AA505521 AA812256 AA553341 AW467057 W68650 A1168772 AA988308 AA910057 A1868258 AA918322 A1335847 AA621484 AA904390 A1760007 A1146694 AV758440 BM142562 N66507 A1674563 AW828584 A1253902 BF223368 A1090490 A1452918 N71423 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		BF093291 AW021929 H22650 AA459715 BC496341 BE697763 BI254209 BG499543 H42946 BI059780 BI086741 H87896 H87599 BF691752
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	13268_11	

TABLE 33C:

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Pkey:

Ref:

Strand:

Nt\_position:

Unique number corresponding to an Eos probeset

Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham, et al." refers to the publication entitled "The DNA sequence of human chromosome 22" Dunham, et al. (1999) *Nature* 402:489-495.

Indicates DNA strand from which exons were predicted.

Indicates nucleotide positions of predicted exons.

70

Pkey	Ref	Strand	Nt_position
401403	7710986	Plus	146180-146294
406387	8256180	Plus	116229-116371,117512-117651
405268	4156151	Minus	24404-24521
406122	9144087	Minus	30940-31386
402550	7652009	Minus	80413-80673

75

80 TABLE 34A: About 703 genes upregulated in idiopathic pulmonary fibrosis relative to hypersensitivity pneumonitis or non-specific interstitial pneumonitis

Pkey:	Unique Eos probeset Identifier number
ExAccn:	Exemplar Accession number, Genbank accession number

UnigeneID: Unigene number

Unigene Title: Unigene gene title

R1: 90th percentile of IPF AIs divided by 90th percentile of HP AIs, where the minimum value for the numerator and denominator was set to 50

R2: 90th percentile of IPF AIs divided by 90th percentile of NSIP AIs, where the minimum value for the numerator and denominator was set to 50

	Pkey	ExAccn	UnigeneID	Unigene Title	R1	R2
5	405443			Target Exon	9.86	7.50
10	418007	M13509	Hs.83169	matrix metalloproteinase 1 (interstitial	7.23	3.66
	446619	AU076643	Hs.313	secreted phosphoprotein 1 (osteopontin,	6.63	3.03
	422511	AU076442	Hs.117938	collagen, type XVII, alpha 1	4.84	2.81
	406984	M21305		FGFES predicted novel secreted protein	4.73	5.69
	425259	AL049280	Hs.155397	Homo sapiens mRNA; cDNA DKFZp564K143 (ir	4.34	4.34
	407244	M10014		fibrinogen, gamma polypeptide	4.14	5.88
15	421823	N40850	Hs.28625	ESTs	4.12	1.80
	419875	AA853410	Hs.93557	proenkephalin	3.90	2.01
	409542	AA503020	Hs.36663	hypothetical protein FLJ22418	3.88	2.90
	418310	AA814100	Hs.86693	ESTs	3.66	2.84
	442006	AW975183		ESTs, Weakly similar to S72482 hypotheti	3.60	3.13
20	438315	R56795	Hs.82419	ESTs	3.49	3.70
	425071	NM_013989	Hs.154424	deiodinase, iodothyronine, type II	3.47	1.38
	409632	W74001	Hs.55279	serine (or cysteine) proteinase inhibito	3.46	3.46
	434233	AF119903	Hs.138453	hypothetical protein PRO2834	3.28	2.51
	408000	L11690	Hs.198689	bulbous pemphigoid antigen 1 (23Q/24kd)	3.26	3.26
25	447033	AG357412	Hs.157601	Predicted gene: Eos cloned; secreted w/V	3.19	2.12
	420185	AL044056	Hs.251385	ESTs	3.18	3.01
	420195	N44348		Homo sapiens cDNA FLJ11177 (is, clone PL	3.16	3.16
	428682	AV680038	Hs.2056	UDP glycosyltransferase 1 family, polype	3.08	3.18
	408221	AA912183	Hs.47447	ESTs	3.07	1.98
30	417079	U66590	Hs.81134	interleukin 1 receptor antagonist	3.02	2.36
	419216	AU078718	Hs.164021	small inducible cytokine subfamily B (Cy	2.98	1.72
	422163	AF027208	Hs.112360	prominin (mouse)-like 1	2.87	1.48
	422404	AL133571	Hs.336189	Homo sapiens mRNA; cDNA DKFZp434F1135 (I	2.80	2.66
35	445745	AB007924	Hs.13245	KIAA0455 gene product	2.78	1.65
	407938	AA905097	Hs.85050	phospholamban	2.78	2.46
	423575	C18863	Hs.163443	intron of pectoslin (DSF-2os)	2.78	1.55
	448659	AJ335361	Hs.226376	ESTs	2.74	1.56
	426383	D83407	Hs.165007	Dawn syndrome critical region gene 1-lik	2.74	1.85
40	437620	AW976930		ESTs	2.72	2.72
	414591	A1888490	Hs.55902	ESTs, Weakly similar to ALU8_HUMAN ALU S	2.67	2.05
	416585	X54182	Hs.79386	leiomodin 1, smooth muscle (LMOD1) (Thy	2.65	1.47
	426707	AF115402	Hs.11713	E74-like factor 5 (els domain transcript	2.65	2.66
	430712	AWD44647		ESTs	2.62	2.62
45	453111	AB014593	Hs.31720	hephaestin	2.61	1.72
	451099	R52795	Hs.25954	Interleukin 13 receptor, alpha 2	2.59	1.27
	414280	AJ568801	Hs.71721	ESTs	2.58	1.23
	417801	AA417383	Hs.82582	integrin, beta-like 1 (with EGF-like rep	2.58	2.58
	412639	AW981284	Hs.203838	ESTs	2.58	2.29
50	423720	AL044191	Hs.23388	hypothetical protein DKFZp434F0318	2.57	1.74
	429757	AW452355	Hs.256037	ESTs	2.57	1.60
	429504	X99133	Hs.204238	lipocalin 2 (oncogene 24p3) (NGAL)	2.57	1.00
	412228	AW503785	Hs.73792	complement component (3d/Epstein Barr vi	2.56	1.12
55	430223	NM_002514	Hs.235935	nephroblastoma overexpressed gene	2.56	1.25
	411880	AW872477		gh:hm30f03.x1 NCI_CGAP_Thy4 Homo sapiens	2.54	2.54
	401645			C18001440:gi12330704[gb]AAG52890.1[AF3	2.53	3.38
	401673			C18001416:gi12743112[ref]XP_010131.2	2.47	2.83
	449048	Z45051	Hs.22920	similar to S88401 (cattle) glucose induc	2.46	1.18
	416916	H58721	Hs.271628	ESTs	2.42	3.44
60	453874	AW591763	Hs.36131	collagen, type XIV, alpha 1 (undulin)	2.40	1.69
	451149	AL047585		RNA binding motif protein 6B	2.40	1.95
	421190	U95031	Hs.102482	mucin 5, subtype B, tracheobronchial	2.40	1.61
	410036	R57171	Hs.57975	caldesmon 2 (cardiac muscle)	2.40	2.40
	429525	N92540	Hs.205353	ectonucleoside triphosphate diphosphohyd	2.39	1.27
65	405120			C4001445:gi12697999[db]BAB21818.1[AB	2.38	2.38
	432224	AW189460	Hs.208358	ESTs	2.38	2.00
	418663	AK001100	Hs.41690	desmocollin 3	2.38	2.38
	412622	AW664708	Hs.171959	ESTs	2.37	1.83
	424012	AW368377	Hs.137569	tumor protein 63 kDa with strong homolog	2.37	1.52
70	442767	AI017208	Hs.131149	ESTs	2.36	1.22
	401785			NM_002275: Homo sapiens keratin 15 (KRT1	2.35	1.79
	411800	N39342	Hs.103042	microtubule-associated protein 1B	2.35	1.18
	427535	R29543	Hs.2164	pro-platelet basic protein (includes pla	2.34	2.34
	444009	AJ380792	Hs.135104	ESTs	2.34	2.07
	435143	R12375	Hs.194800	ESTs	2.33	1.68
75	402333			Target Exon	2.33	3.15
	429508	AF002246	Hs.210863	cell adhesion molecule with homology to	2.33	1.10
	454078	AA501518	Hs.22209	secreted modular calcium-binding protein	2.32	1.30
	452242	R50956	Hs.159993	glycosyltransferase	2.32	1.45
	418693	AI750878	Hs.87409	thrombospondin 1	2.32	2.32
80	428411	AW291464	Hs.10338	ESTs	2.32	1.54
	459702	AI204995		gb:an03c03.x1 Stratagene schizo brain S1	2.31	1.98
	428839	AI767756	Hs.82302	Homo sapiens cDNA FLJ14814 (is, clone NT	2.31	2.49
	427138	N77624	Hs.173717	phosphatidic acid phosphatase type 2B	2.31	1.32

5	422363	T55079	Hs.115474	replication factor C (activator 1) 3 (38	2.30	2.30
	456535	AW135986	Hs.257859	ESTs	2.28	2.28
	428166	AA423849	Hs.79530	M5-14 protein	2.27	1.88
	456936	M81349	Hs.1955	serum amyloid A4, constitutive	2.25	2.16
	417728	AW138437	Hs.24790	KIAA1573 protein	2.25	1.37
10	453070	AK001465	Hs.31575	SEC63, endoplasmic reticulum translocon	2.24	2.42
	409159	AW673312	Hs.50848	hypothetical protein FLJ20331	2.24	2.24
	404942			splicing factor, arginine/serine-rich 9	2.24	2.64
	410286	AI739159	Hs.61898	DKFZP586N2124 protein	2.24	2.46
	440516	S42303	Hs.161	cadherin 2, type 1, N-cadherin (neuronal	2.24	1.94
15	421574	AJ000152	Hs.105924	defensin, beta 2	2.23	1.35
	418005	AI186220	Hs.83164	collagen, type XV, alpha 1	2.22	1.37
	421948	LA2583	Hs.334309	keratin 6A	2.20	2.20
	407788	BE514982	Hs.38991	S100 calcium-binding protein A2	2.19	1.61
	417563	AA203701		gb:zx52a10.r1 Soares_fetal_liver_spleen_	2.18	2.40
20	431089	BE041395		ESTs, Weakly similar to unknown protein	2.16	2.46
	447333	BE090580	Hs.70704	hypothetical protein dJ161688.3	2.16	2.00
	455797	BE091833		gb:IL2-BT0731-260400-076-F04 BT0731 Homo	2.16	1.26
	414987	AA524394	Hs.294022	hypothetical protein FLJ14950	2.15	1.99
	403362			NM_001615*:Homo sapiens actin, gamma 2,	2.16	1.61
25	423274	W68815	Hs.301885	Homo sapiens cDNA FLJ11346 fis, clone PL	2.15	2.11
	407137	T97307		gb:ye53h05.s1 Soares fetal liver spleen	2.15	2.24
	402643			C1002296:gi 6577817 ref NP_033126.1  rep	2.14	2.14
	418236	AW994005	Hs.337534	ESTs	2.14	2.14
	413059	BE151498		gb:RC0-HT0295-291199-031-E11 HT0295 Homo	2.14	2.14
30	432437	W07088	Hs.293685	ESTs	2.14	2.14
	428398	AI249368	Hs.98558	ESTs	2.14	2.14
	428336	AA503115	Hs.183752	microseminoprotein, beta-	2.12	1.43
	421853	AL117472	Hs.108924	SH3-domain protein 5 (ponsin)	2.12	1.93
	436391	AJ227892	Hs.146274	ESTs	2.12	2.12
35	417430	AA984546		gb:am88a08.s1 Stratagene schizo brain S1	2.11	2.17
	407443	AF227138		gb:Homo sapiens candidate taste receptor	2.11	2.26
	428434	AW363590	Hs.65551	Homo sapiens, Similar to DNA segment, Ch	2.10	1.29
	409432	D49372	Hs.54460	small inducible cytokine subfamily A (Cy	2.10	2.10
	456614	AV663110	Hs.106650	hypothetical protein FLJ20533	2.10	2.00
40	440273	AI805392	Hs.325335	Homo sapiens cDNA: FLJ23523 fis, clone L	2.10	1.37
	450271	AI893600	Hs.200920	ESTs	2.09	2.34
	432222	AJ204995		gb:an03c03.x1 Stratagene schizo brain G1	2.09	1.40
	458208	AJ380016		ESTs, Weakly similar to T4S4_HUMAN TRANS	2.08	2.00
	405600			C12001673:gi 9631254 ref NP_048045.1  or	2.07	1.97
45	434654	AI825942	Hs.139368	Homo sapiens clone L5 polyadenylated HER	2.07	2.52
	439261	AI126020	Hs.146674	basic transcription factor 3	2.05	1.45
	421515	Y11339	Hs.105352	GalNAc alpha-2, 6-sialyltransferase 1, l	2.04	2.04
	457741	BE044740		gb:hm55g10.x1 NC1_CGAP_RDF1 Homo sapiens	2.04	2.04
	423161	AL049227	Hs.124776	downstream of cadherin 6 (by 3.3kb)	2.02	1.33
50	412505	AA974491	Hs.21734	ESTs	2.02	2.02
	443180	R15875	Hs.268576	claudin 12	2.02	2.02
	431605	AW972407	Hs.124370	gb:EST384498 MAGE resequences, MAGL Homo	2.02	2.02
	415938	BE383507	Hs.78921	A kinase (PRKA) anchor protein 1	2.02	2.17
	452571	W31518	Hs.34665	ESTs	2.02	2.09
55	405061			Target Exon	2.01	2.52
	439343	AF036161	Hs.114811	hypothetical protein FLJ11808	2.01	2.41
	402327			Target Exon	2.00	2.44
	418786	AI796317	Hs.203594	Homo sapiens uncharacterized gastric pro	2.00	2.00
	447343	AA256641	Hs.236894	ESTs, Highly similar to S02392 alpha-2-m	2.00	2.00
60	438634	AW340400	Hs.126728	ESTs	1.99	2.43
	416127	NA9843	Hs.79022	GTP-binding protein overexpressed in ske	1.97	1.41
	423961	D13686	Hs.136348	periostin (OSF-2os)	1.96	1.48
	430397	AI924533	Hs.105507	bicarbonate transporter related protein	1.96	1.31
	411010	AW813339		gb:MR3-ST0192-101299-013-c05 ST0192 Homo	1.96	2.73
65	439628	W81007	Hs.58628	ESTs	1.96	1.28
	444301	AK000136	Hs.10760	asporin (LRR class 1)	1.96	1.53
	431726	NM_015361	Hs.268053	KIAA0028 protein	1.95	1.72
	410418	D31382	Hs.63325	transmembrane protease, serine 4	1.95	1.87
	452814	AI092780	Hs.334703	hypothetical protein FLJ14529	1.95	1.06
70	417562	AW688754	Hs.134126	crystallin, gamma S	1.95	2.14
	424480	AA341442	Hs.205299	ESTs	1.94	1.94
	404342			C7002192:gi 7299207 gb AAF54404.1  (AE0	1.92	1.32
	443320	AI051607	Hs.16335	ESTs	1.91	2.18
	449780	AA443241		ribosomal protein L44	1.90	1.76
75	423337	NM_004655	Hs.127337	axin 2 (conductin, axil)	1.89	2.16
	434416	AA805903	Hs.59498	cell division cycle 2-like 5 (cholinesta	1.89	2.04
	457505	AL044659	Hs.43791	ESTs	1.89	2.34
	425912	AL137829	Hs.162189	serine/threonine kinase with Dbl- and pl	1.88	1.26
	413585	AI133452	Hs.75431	fibrinogen, gamma polypeptide	1.88	1.88
80	428231	U17989	Hs.183105	nuclear autoantigen	1.88	1.88
	428832	AA578229	Hs.324239	ESTs, Moderately similar to ZN91_HUMAN Z	1.88	1.88
	404429			Target Exon	1.88	2.18
	447644	AW861622	Hs.108646	Homo sapiens cDNA FLJ14934 fis, clone PL	1.88	3.04
	406641	AJ235667		gb:Homo sapiens mRNA for immunoglobulin	1.86	2.57
	417059	AL037672	Hs.81071	extracellular matrix protein 1	1.86	1.48
	454565	BE141231		gb:MRQ-HT0075-081189-003-a09 HT0075 Homo	1.86	1.21
	415115	AA214228	Hs.127751	hypothetical protein	1.85	1.23

	432306	Y18207	Hs.303090	protein phosphatase 1, regulatory (inhib	1.85	1.45
	414085	AA114016	Hs.75746	aldehyde dehydrogenase 1 family, member	1.84	1.44
	403344			NM_000341: Homo sapiens solute carrier fa	1.84	1.84
5	447245	AK001713	Hs.17860	hypothetical protein FLJ10851	1.84	2.33
	446006	NM_004403	Hs.13530	deafness, autosomal dominant 5	1.84	2.02
	401693			Target Exon	1.83	2.34
	434392	AW963709	Hs.250824	Homo sapiens cDNA: FLJ23435 fis, clone H	1.83	2.12
10	406461			hypothetical protein, clone 24751	1.83	2.01
	465657	BE065209		gb:RC1-BT0314-310300-015-b12 BT0314 Homo	1.83	1.26
	400609			C10001147: g112699926[gb]AAK01739.1[AF33	1.82	2.08
	422096	AI868872	Hs.282804	hypothetical protein FLJ22704	1.81	1.14
	422867	L32137	Hs.1584	cartilage oligomeric matrix protein (pse	1.81	1.22
	417412	X16895	Hs.82112	interleukin 1 receptor, type I	1.81	2.10
15	426521	AF161445	Hs.170219	hypothetical protein	1.81	2.08
	429610	AB024937	Hs.211092	LUNX protein; PLUNC (palate lung and nas	1.81	1.64
	423915	AF039018	Hs.135281	alpha-actinin-2-associated LIM protein	1.80	1.34
	439606	W79123	Hs.58561	G protein-coupled receptor 87	1.80	1.80
	458189	AI809080		gb:IL-BT188-010499-007 BT188 Homo sapien	1.80	1.80
20	412429	AV650262	Hs.75765	GRO2 oncogene	1.80	2.55
	402674			Target Exon	1.80	3.41
	431130	NM_006103	Hs.2719	HE4; epidermal-specific, whey-acidic pr	1.79	1.57
	454824	AW833646		gb:CV4-TT0008-161199-033-c09 TT0008 Homo	1.78	1.94
	401677			BAI1-associated protein 3	1.78	2.28
25	426291	U58913	Hs.169191	small inducible cytokine subfamily A (Cy	1.78	1.53
	430028	BE564110	Hs.227760	Target CAT	1.78	1.59
	445988	BE007663	Hs.13503	Inactivation escape 2	1.78	2.10
	452272	AW292249	Hs.252739	hypothetical protein DKFZp434P0316	1.78	2.08
	418205	L21715	Hs.83760	troponin I, skeletal, fast	1.78	2.70
30	400425	AY004252	Hs.287385	PR domain containing 12	1.77	2.02
	400419	AF084545		Target	1.77	2.67
	447169	AI989803	Hs.157289	ESTs	1.77	2.21
	452359	BE167229	Hs.29206	hypothetical protein MGC14376	1.77	2.12
	431941	AK000106	Hs.272227	Homo sapiens cDNA FLJ20099 fis, clone CO	1.76	2.54
35	432806	NM_015985	Hs.278973	angiopoietin-3	1.76	1.76
	437400	AB011542	Hs.5599	EGF-like domain, multiple 5	1.75	2.00
	422487	AJ010901	Hs.198267	mucin 4, tracheobronchial	1.75	1.47
	444986	AI204197		ESTs	1.75	2.48
	451027	AW519204	Hs.40808	Homo sapiens, Similar to RIKEN cDNA 2510	1.74	1.69
40	413524	BE145837		gb:MR0-HT0208-101299-202-c07 HT0208 Homo	1.74	1.74
	409099	AK000725	Hs.50579	hypothetical protein FLJ20718	1.74	2.26
	405679			C22000151: g116506921[ref]NP_004165.1[so	1.74	2.12
	405797			CX001615: g11322384[emb]CAC16687.1[AJ	1.73	2.66
	405159			ENSP00000243337: cDNA FLJ13984 fis, clone	1.73	2.01
45	450569	AW192334	Hs.38216	ESTs	1.73	2.08
	450912	AW939251	Hs.25647	v-fos FBJ murine osteosarcoma viral onco	1.73	1.24
	445261	T79759	Hs.250651	ESTs, Weakly similar to I38022 hypotheti	1.73	2.52
	454231	AW450669	Hs.45058	hypothetical protein DKFZp434I143	1.73	1.64
	429600	X78565	Hs.289114	hexabrachion (tenascin C, cytactin)	1.72	1.37
50	422259	AA307584		gb:EST178498 Colon carcinoma (HCC) cell	1.72	1.72
	456034	AW450979		gb:UL-H-B13-ala-a-12-0-ULs1 NCL_CGAP_Su	1.72	1.34
	451862	H09260	Hs.32333	ESTs	1.71	2.16
	403520			Target Exon	1.71	1.39
	456596	AA291834	Hs.78950	branched chain keto acid dehydrogenase E	1.71	2.26
55	428603	AA382291		gb:EST95683 Testis I Homo sapiens cDNA 5	1.70	1.70
	418387	R18085	Hs.22279	gb:yg16b12.r1 Soares infant brain 1NIB H	1.70	1.70
	433417	AA587773	Hs.8859	Homo sapiens, Similar to RIKEN cDNA 5830	1.70	1.87
	402536			C1001634: g112621136[ref]NP_075245.1[Ba	1.69	1.57
	414844	AA296874	Hs.77494	deoxyguanosine kinase	1.69	2.05
60	418478	U38945	Hs.1174	cyclin-dependent kinase inhibitor 2A (me	1.69	1.63
	446563	AB021179	Hs.15299	HIMBA-Inducible	1.69	2.02
	456235	AA203637		gb:zx58b12.r1 Soares_fetal_liver_spleen_	1.68	2.12
	424580	AA446539	Hs.339024	ESTs, Weakly similar to A46010 X-linked	1.68	2.03
	433930	AA620338		ESTs	1.68	2.28
65	404151			Target Exon	1.68	1.80
	429392	AL109712	Hs.296506	Homo sapiens mRNA full length insert cDN	1.67	2.18
	430070	AF197927	Hs.231967	ALL1 fused gene from 5q31	1.66	2.16
	400496			ENSP00000224716: GTP-binding protein SAR	1.66	2.13
	413464	AL121500		ESTs	1.66	2.03
70	411188	BE161168		gb:PM0-HT0425-170100-002-a10 HT0425 Homo	1.66	2.12
	448281	H69416	Hs.14606	hypothetical protein FLJ20271	1.65	2.28
	443282	T47764	Hs.132917	ESTs	1.65	2.04
	423217	NM_000094	Hs.1640	collagen, type VII, alpha 1 (epidermolys	1.65	1.67
	453355	AW295374	Hs.31412	myopodin	1.65	1.66
75	432375	BE536068	Hs.2862	S100 calcium-binding protein P	1.65	1.54
	437929	T09353	Hs.106642	ESTs, Weakly similar to T09052 hypotheti	1.65	2.04
	410295	AA741357		ribogen (enactin)	1.64	2.30
	437767	AA830103	Hs.293331	ESTs	1.64	1.26
	416580	T61572	Hs.79385	Human clone 23574 mRNA sequence	1.64	3.38
80	450795	AW173371	Hs.60435	ESTs	1.64	1.64
	421847	NM_014717	Hs.108884	KIAA0390 gene product	1.64	2.75
	403010			C21000152: g116226483[sp]Q52118[YM03_ERWS	1.64	2.03
	406387			Target Exon	1.64	1.78
	440423	AW293995	Hs.192277	ESTs	1.63	2.05

	444381	BE387335	Hs.283713	hypothetical protein BC014245	1.63	2.07
	442802	AL133035	Hs.8728	hypothetical protein DKFZp434G171	1.63	1.65
	442424	AI342715	Hs.129569	ESTs, Moderately similar to B34087 hypol	1.62	2.40
	402885			Target Exon	1.62	1.18
5	408766	AA773187	Hs.294027	ESTs	1.62	1.59
	448719	AA033627	Hs.21858	trinucleotide repeat containing 3	1.62	1.63
	414684	AW630023	Hs.76893	3-hydroxybutyrate dehydrogenase (heart,	1.62	2.10
	406838	AA627569	Hs.153	ribosomal protein L7	1.61	1.41
10	441600	AA939347	Hs.127223	Homo sapiens cysteine knot protein (ZSIG	1.61	2.32
	420693	NM_001972	Hs.99863	elastase 2, neutrophil	1.60	2.37
	412649	NM_002206	Hs.74369	Integrin, alpha 7	1.60	1.23
	432331	W37862	Hs.274368	MSTP032 protein	1.60	1.23
	454034	NM_000691	Hs.575	aldehyde dehydrogenase 3 family, member	1.60	1.69
	400279			NM_004581*:Homo sapiens Rab geranylgeran	1.60	1.66
15	437865	AI472305	Hs.19565	ESTs	1.60	2.42
	429165	AW009886	Hs.118258	prostate cancer associated protein 1	1.60	1.29
	442993	BE018682	Hs.166196	ATPase, Class I, type 8B, member 1	1.60	2.11
	410684	AA088500	Hs.170298	ESTs	1.59	1.48
20	433149	BE257672	Hs.42949	hypothetical protein HES6	1.59	2.22
	448429	D17408	Hs.21223	calponin 1, basic, smooth muscle	1.59	1.41
	426457	AW894667	Hs.22860	chimerin (chimaerin) 1	1.59	1.26
	427654	AA410183	Hs.137475	ESTs	1.59	2.83
	411662	D60541	Hs.285519	Homo sapiens cDNA FLJ11904 fis, clone HE	1.59	2.18
25	440383	AA884208	Hs.30484	ESTs	1.58	2.19
	406690	M29640	Hs.220529	carcinoembryonic antigen-related cell ad	1.58	1.58
	424687	J05070	Hs.151738	matrix metalloproteinase 9 (gelatinase B	1.58	1.47
	407857	AI328445	Hs.92254	synaptotagmin-like 2	1.58	1.61
	411573	AB029000	Hs.70823	KIAA1077 protein	1.57	1.29
30	433336	AF017986	Hs.31386	secreted frizzled-related protein 2	1.57	1.17
	428471	X57348	Hs.184510	stratfin	1.57	1.56
	429249	X81479	Hs.2375	egl-like module containing, mucin-like,	1.57	1.19
	407966	AA295052	Hs.38516	Homo sapiens, clone MGC:15887, mRNA, com	1.57	2.12
	418026	BE379727	Hs.83213	fatty acid binding protein 4, adipocyte	1.57	1.05
35	430469	AW603667	Hs.288742	Homo sapiens cDNA: FLJ22712 fis, clone H	1.56	1.56
	445511	AA846612		Homo sapiens cDNA FLJ14459 fis, clone HE	1.56	2.08
	404501			nucleoside phosphorylase	1.55	2.64
	429107	AI470451	Hs.99075	ESTs	1.55	2.05
	417259	AW903838	Hs.81800	chondroitin sulfate proteoglycan 2 (vers	1.55	1.46
40	429597	NM_003816	Hs.2442	a disintegrin and metalloproteinase doma	1.54	2.61
	458091	AF150286		gb:AF150286 Human mRNA from cd34 stem ce	1.54	1.54
	439280	AI125436	Hs.123654	ESTs	1.54	2.06
	428096	AW291771	Hs.42239	Homo sapiens, clone IMAGE:3868989, mRNA,	1.53	1.55
	414221	AW450979		gb:U11-B13-ata-a-12-0-ULs1 NCL_CGAP_Su	1.53	1.39
45	451712	AA019290	Hs.110469	ESTs	1.53	1.99
	402487			Target Exon	1.53	2.02
	415274	AF001548	Hs.78344	myosin, heavy polypeptide 11, smooth mus	1.53	1.29
	452887	AI702223	Hs.107253	hypothetical protein DKFZp761F241	1.53	1.21
50	410253	T51823		ESTs	1.52	2.03
	408741	M73720	Hs.646	carboxypeptidase A3 (mast cell)	1.52	1.37
	432885	T92363	Hs.178703	ESTs	1.51	1.48
	422166	W72424	Hs.112405	S100 calcium-binding protein A9 (calgran	1.51	1.16
	429259	AA420450	Hs.292911	Plakophilin	1.51	1.31
	429289	AI400746	Hs.62187	phosphatidylinositol glycan, class K	1.51	1.19
55	441457	AW996651	Hs.436838	ESTs	1.51	2.08
	433366	AF026944	Hs.293797	ESTs	1.51	2.74
	425483	AF231022	Hs.158159	FAT tumor suppressor (Drosophila) homolo	1.51	1.21
	424386	BE146577	Hs.265132	ESTs	1.50	1.53
	429655	U48959	Hs.211582	myosin, light polypeptide kinase	1.50	1.29
60	442391	AW460544	Hs.220761	ESTs	1.50	1.66
	414341	D80004	Hs.75809	KIAA0182 protein	1.50	2.10
	438222	AI208737	Hs.122810	Homo sapiens cDNA FLJ11469 fis, clone HE	1.50	2.16
	442264	AI278777	Hs.263455	ESTs, Weakly similar to ALU1_HUMAN ALU S	1.50	1.50
	443878	AW292499	Hs.139709	hypothetical protein FLJ12572	1.50	1.37
65	430152	AB001325	Hs.234642	aquaporin 3	1.50	1.43
	447762	M73700	Hs.105938	lactotransferrin	1.49	0.91
	404455			opioid receptor, kappa 1	1.49	1.38
	424106	AA412442	Hs.98132	ESTs	1.49	1.30
	433095	AK001092	Hs.302480	Homo sapiens cDNA FLJ10230 fis, clone HE	1.49	2.02
70	409361	NM_005982	Hs.54416	sine oculis homeobox (Drosophila) homolo	1.48	1.60
	456256	AB000450	Hs.82771	vaccinia related kinase 2	1.48	1.42
	439310	AF086120	Hs.102793	ESTs	1.48	1.48
	407102	AA007629		glycerol-3-phosphate dehydrogenase 1 (so	1.48	1.15
	437901	AA774445	Hs.145365	ESTs, Weakly similar to KIAA1397 protein	1.48	2.36
75	421486	AA243490	Hs.104800	hypothetical protein FLJ10134	1.47	1.21
	414799	AI752416	Hs.77326	Insulin-like growth factor binding prote	1.47	1.25
	453964	AW021407	Hs.21068	hypothetical protein	1.47	2.18
	401067			ENSP00000252106*:CDNA FLJ12240 fis, clon	1.47	1.81
80	456854	BE313241		gb:601151545F1 NIH_MGC_19 Homo sapiens c	1.47	1.59
	402324			C19001962.gij3043638[jdb]BAA25483.1) (AB	1.47	2.03
	417733	AL048678	Hs.82503	H.sapiens mRNA for 3'UTR of unknown prol	1.47	1.29
	457734	BE394365	Hs.38750	hypothetical protein FLJ11526	1.47	2.26
	402013			Target Exon	1.46	2.42
	429295	AA682377	Hs.99216	ESTs, Moderately similar to ALU8_HUMAN A	1.46	2.09

5	430920	U96402	Hs.248132	goosecoid-like	1.46	2.46
	409368	AA071059		gb:zmf8a10.r1 Stratagene neuroepithelium	1.46	2.02
	431958	X63629	Hs.2877	cadherin 3, type 1, P-cadherin (placenta	1.46	1.43
	427719	A1393122	Hs.134726	ESTs	1.46	1.46
	433430	A1863735		ESTs	1.46	1.15
10	423790	BE152393		gb:CM2-HT0323-171199-033-a08 HT0323 Homo	1.46	2.36
	444083	A1123195		gb:co17a10.x1 Soares_NSF_FB_9W_OT_PA_P_S	1.45	2.29
	433266	AW604447	Hs.339408	ESTs, Weakly similar to S26689 hypothesis	1.45	1.50
	420859	AW466397	Hs.100000	S100 calcium-binding protein A8 (calgran	1.45	1.17
	456664	AW563354	Hs.334409	matolothionein 1G	1.45	2.20
15	438158	A1796556	Hs.187884	ESTs	1.45	1.18
	409883	AW452419	Hs.296098	ESTs	1.45	2.00
	452316	AA298484	Hs.61265	ESTs, Moderately similar to G786_HUMAN P	1.45	1.27
	413048	M93221	Hs.75182	mannose receptor, C type 1	1.45	1.36
	457462	AL133573	Hs.272312	Homo sapiens mRNA; cDNA DKFZp434J2235 (f	1.45	2.08
20	452679	Z42397	Hs.83883	transmembrane, prostate androgen induced	1.44	1.28
	401116			Target Exon	1.44	2.19
	419618	AA528295		gb:nh26e06.s1 NCI_CGAP_Pr3 Homo sapiens	1.44	2.30
	452281	T93500	Hs.28792	Homo sapiens cDNA FLJ11041 fs, clone PL	1.44	2.03
	426125	X87241	Hs.166994	FAT tumor suppressor (Drosophila) homolog	1.43	1.48
25	428330	L22524	Hs.2256	matrix metalloproteinase 7 (matrilysin,	1.43	1.51
	418742	AW451197	Hs.113418	ESTs	1.43	1.24
	418335	R63267	Hs.28399	ESTs	1.43	1.14
	408404	AW192518		gb:xl45h08.x1 NCI_CGAP_Pan1 Homo sapiens	1.43	2.08
	446175	BE298174	Hs.225160	hypothetical protein FLJ13102	1.43	2.29
30	431846	BE019924	Hs.274580	uropod 1B	1.43	2.12
	459567	N58315		gb:yy68g06.s1 Soares fetal liver spleen	1.43	2.00
	449925	A1342493	Hs.24192	Homo sapiens cDNA FLJ20767 fs, clone CO	1.43	1.33
	442321	AF207654	Hs.8230	a disintegrin-like and metalloprotease (	1.43	1.10
	454843	AW834536	Hs.258549	gb:MR2-TT0014-241199-012-806 TT0014 Homo	1.43	1.55
35	410281	AF076612	Hs.166186	Homo sapiens clone 23928 mRNA sequence	1.43	1.38
	402998			NM_002463* Homo sapiens myxovirus (indu	1.42	2.16
	443709	A1082692	Hs.134662	ESTs	1.42	2.22
	436258	AA152106	Hs.4859	cyellin L anta-6a	1.42	2.01
	454407	AW578420	Hs.118843	gb:RC1-CT0249-120100-022-b04 CT0249 Homo	1.42	1.76
40	453359	AA448787	Hs.24872	ESTs	1.42	1.33
	434126	A1138589	Hs.118205	ESTs	1.41	2.06
	417944	AU077196	Hs.82985	collagen, type V, alpha 2	1.41	1.46
	442316	Z75331	Hs.8217	stromal antigen 2	1.41	2.20
	438330	AW450572	Hs.257316	ESTs	1.41	2.20
45	410935	BE067395	Hs.66881	dynelin, cytoplasmic, intermediate polype	1.41	2.02
	455865	BE153624		gb:PMO-HT0339-241199-002-C03 HT0339 Homo	1.41	1.33
	405550			C7001981* g3565157[gb]AAB31881.1) T-cel	1.41	1.24
	451385	AA017656		gb:za39h01.r1 Soares retina N2b4HR Homo	1.41	1.99
	424925	NM_002432	Hs.153837	myeloid cell nuclear differentiation ant	1.40	2.64
50	431022	AA490815	Hs.208351	ESTs	1.40	1.28
	439781	AA845538		glial cells missing (Drosophila) homolog	1.40	2.72
	429379	NM_014840	Hs.200598	KIAA0537 gene product	1.40	1.05
	435310	AA705075	Hs.169536	Rhesus blood group-associated glycoprote	1.40	1.26
	430702	U56979	Hs.278568	H factor 1 (complement)	1.39	1.18
55	451331	AK002039		Homo sapiens cDNA FLJ11177 fs, clone PL	1.39	1.26
	459198	A1086347	Hs.151138	ESTs	1.39	1.22
	442344	AU022925	Hs.79368	epithelial membrane protein 1	1.39	1.35
	402917			ENSP00000202587* Bicarbonate transporter	1.39	1.44
	418211	BE244746	Hs.247474	hypothetical protein FLJ21032	1.39	2.08
60	437158	AW090198		KIAA1150 protein	1.38	2.07
	427373	AB007972	Hs.130760	myosin phosphatase, target subunit 2	1.38	1.24
	433911	A1923092	Hs.8899	ESTs	1.38	2.15
	402504			C1003823* g14626521[amb]CAB42853.1) (AL	1.38	1.38
	409465	AW393810	Hs.78054	gb:OV4-TT0008-251099-016-e11 TT0008 Homo	1.37	2.22
65	449426	T92251	Hs.198882	ESTs	1.37	2.36
	405491			Target Exon	1.37	2.74
	406685	M18728		gb:Human nonspecific crossreacting antig	1.37	1.34
	442410	AW396603	Hs.197680	ESTs	1.37	1.56
	407701	AW375009	Hs.164407	ESTs	1.36	2.02
70	400818			Target Exon	1.36	2.10
	406475			C15000508* g12558825[gb]AAC53387.1) (AF	1.36	2.78
	426935	NM_000088	Hs.172928	collagen, type I, alpha 1	1.36	1.41
	414171	AA360328	Hs.865	RAP1A, member of RAS oncogene family	1.36	2.20
	444195	AB002351	Hs.10587	KIAA0353 protein	1.36	0.94
75	447918	A1129320	Hs.115175	ESTs, Highly similar to JC5818 gamma-act	1.35	1.22
	421314	BE440002	Hs.180324	Homo sapiens, clone IMAGE4183312, mRNA,	1.35	1.40
	412992	A1423369	Hs.75111	protease, serine, 11 (IGF binding)	1.35	1.24
	401025			NM_004055* Homo sapiens calpain 5 (CAPN5	1.35	1.30
	452852	AW378065	Hs.8687	ADAMTS2 (a disintegrin-like and metallo	1.34	2.12
80	425308	M97639	Hs.155585	receptor tyrosine kinase-like orphan rec	1.34	1.02
	402308			Target Exon	1.34	1.21
	428416	AA337211	Hs.184222	Down syndrome critical region gene 1	1.34	1.40
	407242	M18728		gb:Human nonspecific crossreacting antig	1.34	1.22
	410741	Z11695	Hs.324473	mitogen-activated protein kinase 1	1.34	2.05
	439335	AA742697	Hs.62492	NM_052863* Homo sapiens secretoglobin, fa	1.34	1.12
	431254	NM_006069	Hs.251385	murine retrovirus Integration site 1 hom	1.33	1.21
	405213			Target Exon	1.33	2.03



5	447990	BE048821	Hs.20144	small inducible cytokine subfamily A (Cy	1.33	1.05
	421535	AB002359	Hs.105478	phosphoribosylformylglycinamide synthase	1.33	2.09
	453914	NM_000607	Hs.574	fructose-1,6-bisphosphatase 1	1.33	1.32
	443504	C03577	Hs.9615	myosin regulatory light chain 2, smooth	1.33	1.18
	430385	AA113437		N-myc downstream-regulated gene 3	1.32	1.48
10	447731	AA373527	Hs.19385	CGI-58 protein	1.32	2.22
	400740			hypothetical protein FLJ14280	1.32	2.01
	410481	R34107	Hs.321450	pregnancy specific beta-1-glycoprotein 2	1.32	1.32
	440274	R24595	Hs.7122	scrapie responsive protein 1	1.32	1.32
	406867	AA157857	Hs.182265	keratin 19	1.32	1.42
15	456855	AF035628	Hs.153863	MAD (mothers against decapentaplegic, Dr	1.32	2.30
	443144	BE246335		hypothetical protein MGC14797	1.32	2.03
	432810	AA863400		ESTs	1.32	4.01
	445537	AJ245671	Hs.12844	EGF-like domain, multiple 6	1.31	1.24
	424075	AI807320	Hs.227630	RE1-silencing transcription factor	1.31	2.17
20	440099	AL080058	Hs.6909	DKFZP564G202 protein	1.31	1.53
	428957	NM_003681	Hs.194679	WNT1 inducible signaling pathway protein	1.31	1.31
	438874	H02780		gbyj41a11.1 Scores placenta Nb2HP Homo	1.31	2.03
	402825			Target Exon	1.31	1.24
	422737	M26939	Hs.119571	collagen, type III, alpha 1 (Ehlers-Danl	1.31	1.45
25	423225	AA852604	Hs.125359	Thy-1 cell surface antigen	1.31	1.19
	417640	D30857	Hs.82353	protein C receptor, endothelial (EPCR)	1.31	1.12
	436027	AI864053	Hs.39972	ESTs, Weakly similar to I38588 reverse 1	1.30	2.05
	407409	AF050168		gb:Homo sapiens AS10 protein mRNA, part	1.30	2.16
	400221			NM_002082*Homo sapiens G protein-couple	1.30	2.02
30	437751	AA767373		ESTs, Moderately similar to ALU1_HUMAN A	1.30	2.44
	450008	H52970	Hs.36688	WAP four-disulfide core domain 1	1.30	1.19
	441691	AF055992	Hs.183	Duffy blood group	1.29	1.03
	405973			Target Exon	1.29	1.32
	424604	AW865388	Hs.151076	KIAA1243 protein	1.29	0.92
35	410899	AW809716		gb:MR4-ST0124-241199-026-h09 ST0124 Homo	1.29	2.08
	405818			CX001073.gb[4178497]emb[CAA20116.1] (AL0	1.29	2.05
	402621			Target Exon	1.29	3.06
	436469	AK001455	Hs.5198	Down syndrome critical region gene 2	1.28	2.35
	431890	X17033	Hs.271966	integrin, alpha 2 (CD49B, alpha 2 subunit)	1.28	1.44
40	453331	AJ240665		ESTs	1.28	2.36
	439791	H77774	Hs.35755	ESTs	1.28	2.00
	431385	BE178536	Hs.11090	membrane-spanning 4-domains, subfamily A	1.28	3.00
	407266	AJ235664		gb:Homo sapiens mRNA for immunoglobulin	1.28	1.28
	446526	H89616		Homo sapiens cDNA FLJ13357 fis, clone PL	1.28	1.28
45	455577	BE008341		gb:RC2-BN0127-240300-011-b05 BN0127 Homo	1.28	1.28
	418863	AL135743	Hs.25566	ESTs, Weakly similar to 2004399A chromos	1.28	2.10
	407711	AJ065846	Hs.25522	KIAA1808 protein	1.28	1.23
	417043	NM_004369	Hs.80988	collagen, type VI, alpha 3	1.28	1.19
	420136	AW801080	Hs.195851	actin, alpha 2, smooth muscle, aorta	1.27	1.24
50	418203	X54942	Hs.83758	CDC28 protein kinase 2	1.27	2.08
	448515	H68441	Hs.13528	hypothetical protein FLJ14054	1.27	2.05
	444418	AL034417	Hs.11169	Gene 33/Mig-6	1.27	1.98
	427809	M26380	Hs.180878	lipoprotein lipase	1.27	1.09
	414690	BE410103	Hs.12313	hypothetical protein FLJ14585	1.27	1.36
55	439919	AA970710	Hs.128064	ESTs	1.27	2.28
	401311			Target Exon	1.27	2.05
	444235	AW207346	Hs.143202	ESTs	1.27	2.00
	430858	AF007190		Homo sapiens SIB 297 Intestinal mucin (M	1.26	1.23
	448186	AA262105	Hs.4094	Homo sapiens cDNA FLJ14208 fis, clone NT	1.26	2.40
60	400161			Eos Control	1.26	1.33
	444239	R57988	Hs.10706	epithelial protein lost in neoplasm beta	1.26	1.20
	458369	T77886	Hs.83428	nuclear factor of kappa light polypeptide	1.26	1.26
	441944	AW855861	Hs.8025	Homo sapiens clone 23767 and 23782 mRNA	1.26	1.12
	431142	AA852596	Hs.250541	tropomyosin 4	1.26	1.23
65	434229	R56378	Hs.181223	hypothetical protein PRO2801	1.26	2.04
	406733	AA976565	Hs.297753	vimentin	1.26	1.29
	422292	AI815733	Hs.114360	transforming growth factor beta-stimulat	1.25	1.16
	424137	AA335769	Hs.16262	ESTs	1.25	1.27
	434868	R50032	Hs.159263	collagen, type VI, alpha 2	1.24	1.50
70	424408	AI754813	Hs.146428	collagen, type V, alpha 1	1.24	1.29
	433750	H15448	Hs.31330	Homo sapiens clone HQ0319	1.24	1.27
	447299	AFD43897	Hs.18075	chromosome 9 open reading frame 3	1.24	1.13
	438357	AI042101	Hs.294107	ESTs	1.24	2.04
	409959	BE349470		nuc1n 6, gastric	1.23	2.22
75	439897	NM_015310	Hs.6763	KIAA0942 protein	1.23	2.44
	421982	AF206019	Hs.110347	REV1 (yeast homolog)-like	1.23	2.14
	407207	T03651	Hs.336780	tubulin, beta polypeptide	1.23	1.32
	416956	AA810664	Hs.101660	hypothetical protein MGC5391	1.23	2.39
	413624	BE177019	Hs.75445	SPARC-like 1 (mast19, hev1n)	1.23	1.06
80	442941	AU076728	Hs.8867	cysteine-rich, angiogenic inducer, 61	1.23	1.51
	452304	AA025386	Hs.61311	ESTs, Weakly similar to S10590 cysteine	1.23	1.01
	414359	M62194	Hs.75929	cadherin 11, type 2, OB-cadherin (osteob	1.22	1.41
	452934	AA581322	Hs.4213	hypothetical protein MGC16207	1.22	1.17
	421341	AJ243212		deleted in malignant brain tumors 1	1.22	1.09
	406850	AI624300	Hs.172928	collagen, type I, alpha 1	1.22	1.52
	452167	N75238	Hs.13075	Homo sapiens cDNA: FLJ23013 fis, clone L	1.22	2.55
	423189	M59371	Hs.171595	EphA2	1.22	1.15



	401899		Target Exon	1.22	1.22
	403579		Target Exon	1.22	2.34
	416954	AA171850	ESTs	1.22	2.24
5	429171	AJ743173	ESTs, Weakly similar to ARL2_HUMAN ADP-R	1.21	1.14
	444071	AJ627808	ESTs	1.21	2.23
	424344	AF036973	HCGIV-6 protein	1.21	2.15
	434051	AF116622	gb:Homo sapiens clone FLB4217 mRNA sequ	1.21	1.25
	422311	AF073515	cytokine receptor-like factor 1	1.21	1.39
10	404600		Target Exon	1.21	1.29
	429751	M55210	Hs.214982 laminin, gamma 1 (formerly LAMB2)	1.21	1.03
	430392	NM_003627	Hs.241257 latent transforming growth factor beta b	1.21	1.21
	422687	AW088823	Hs.119205 insulin-like growth factor binding prots	1.21	1.23
	424855	AW204725	Hs.25560 ESTs	1.20	1.98
15	418890	AA232134	Hs.190028 ESTs	1.20	1.33
	413232	BE073258	Hs.133988 hypothetical protein FKSG28	1.20	2.18
	414154	AW205314	Hs.323060 ESTs	1.20	1.34
	416784	AA334592	Hs.79914 lumican	1.20	1.27
	410933	C16974	gb:C15974 Clontech human aorta polyA mRNA	1.19	2.05
20	415368	AF018081	Hs.78409 collagen, type XVIII, alpha 1	1.19	1.11
	406731	AI559131	gb:U31907.x1 NCL_CGAP_Ult1 Homo sapiens	1.19	1.19
	447563	BE536115	Hs.160993 EST	1.19	1.14
	405531		Target Exon	1.19	2.02
	400863	NM_001403	eukaryotic translation elongation factor	1.19	1.21
25	426611	BE178050	Hs.171271 catenin (cadherin-associated protein), b	1.19	1.18
	427876	AA394062	Hs.300772 tropomyosin 2 (beta)	1.18	1.16
	413929	BE501689	Hs.75617 collagen, type IV, alpha 2	1.18	1.20
	413856	D13839	Hs.75586 cyclin D2	1.18	1.20
	427111	AA351026	Hs.173594 serine (or cysteine) proteinase inhibitor	1.18	1.12
30	422287	F16365	Hs.114346 cytochrome c oxidase subunit VIIa polype	1.18	1.05
	412758	Y07818	Hs.74566 dihydropyrimidinase-like 3(UJLP)	1.18	1.06
	446868	AV680737	ESTs	1.18	1.18
	417613	AV654351	Hs.82306 destrin (actin depolymerizing factor)	1.18	1.17
	405542		Target Exon	1.18	1.98
35	419908	AW971327	Hs.293315 ESTs	1.17	2.02
	434095	AA011117	Hs.3745 milk fat globule-EGF factor 8 protein	1.17	1.19
	407230	AA157857	Hs.182265 keratin 19	1.17	1.35
	448413	AJ745379	Hs.42911 ESTs	1.17	2.87
	426653	AA530892	Hs.171695 dual specificity phosphatase 1	1.17	1.39
40	424572	M19650	Hs.179600 2',3'-cyclic nucleotide 3' phosphodiester	1.17	2.08
	440109	AK001138	Hs.333149 hypothetical protein FLJ10276	1.17	1.06
	405131		C1002509.g[9388010]ref[1]NP_064684.1  odo	1.17	2.22
	422354	U20982	Hs.1516 insulin-like growth factor-binding prote	1.17	1.19
	442124	R66412	Hs.129013 Homo sapiens cDNA FLJ14309 fis, clone PL	1.17	1.11
45	400080		Eos Control	1.18	2.53
	431924	AK000860	Hs.272203 Homo sapiens cDNA FLJ20843 fis, clone AD	1.18	2.00
	412802	U41518	Hs.74602 'aqueporin 1 (channel-forming integral pr	1.16	1.30
	428207	AA447941	Hs.123423 ESTs	1.16	1.27
	415149	X12451	Hs.78050 cathepsin L	1.16	1.12
50	400231		Eos Control	1.16	1.17
	416653	AA768553	Hs.193145 metallothionein 1E (functional)	1.16	1.16
	422813	AV658571	Hs.121068 transmembrane 4 superfamily member 6	1.16	1.10
	439318	AW837048	Hs.6527 G protein-coupled receptor 55	1.16	1.15
	422424	AJ166431	Hs.296638 prostate differentiation factor	1.16	1.21
55	432745	AJ821928	gb:U7805.x5 NCL_CGAP_Pr3 Homo sapiens	1.15	2.00
	412477	AA150864	Hs.239926 mitochondrial glutathione S-transferase 1	1.15	1.23
	430381	AJ033965	Hs.149848 sterol-C4-methyl oxidase-like	1.15	2.31
	424512	X53002	Hs.149848 integrin, beta 5	1.15	1.15
	449924	W30681	Hs.146233 Homo sapiens cDNA: FLJ22130 fis, clone H	1.15	1.24
60	414682	AL021154	Hs.76684 inhibitor of DNA binding 3, dominant neg	1.15	1.07
	456076	BE243977	ATPase, Na <sup>+</sup> transporting, beta 3 polypep	1.15	2.03
	403028		Target Exon	1.15	2.32
	422545	X02761	Hs.287820 fibronectin 1	1.15	1.17
65	412719	AW015610	Hs.816 ESTs	1.15	1.05
	421848	X15880	Hs.108885 collagen, type VI, alpha 1	1.15	1.14
	422087	X58968	Hs.111301 matrix metalloproteinase 2 (gelatinase A	1.15	1.16
	413936	AF113876	Hs.297681 serine (or cysteine) proteinase inhibitor	1.14	1.13
	449545	AW971183	Hs.6019 DnaJ (Hsp40) homolog, subfamily C, membe	1.14	2.07
	430202	T85775	gb:U80502.r1 Soares fetal liver spleen	1.14	1.14
70	418806	AA485970	Hs.191718 ESTs	1.14	2.14
	424017	AA333789	gb:EST37925 Embryo, 9 week Homo sapiens	1.14	2.16
	422003	AA361760	Hs.296326 ESTs	1.14	1.17
	437272	AW975957	gb:EST388066 MAGE resequences, MAGN Homo	1.14	2.17
	438367	N79688	Hs.204354 ras homolog gene family, member B	1.14	1.23
75	453182	AK001933	Hs.31945 hypothetical protein FLJ11071	1.13	2.36
	406849	AA454809	Hs.172928 collagen, type I, alpha 1	1.13	1.33
	422110	AJ376736	Hs.111779 secreted protein, acidic, cysteine-rich	1.13	1.06
	425335	BE394327	Hs.296267 follistatin-like 1	1.13	1.08
	434795	BE620794	Hs.4147 translocating chain-associating membrane	1.13	1.08
80	417426	NM_002291	Hs.82424 laminin, beta 1	1.13	1.11
	452924	AW580939	Hs.97199 complement component C7q receptor	1.13	1.01
	416379	N36857	Hs.34145 ESTs	1.12	1.12
	421464	AA291553	Hs.190086 ESTs	1.12	2.01
	442420	AI024834	Hs.131729 ESTs	1.12	1.15

	405389			NM_005569: Homo sapiens LIM domain kinase	1.12	1.99
	421730	AW449808	Hs.334534	glucosamine (N-acetyl)-6-sulfatase [Sant	1.12	2.08
	406932			C15000305:gi 3806122 gb AAC68198.1  [AF0	1.11	2.01
5	453542	AWB36724		Homo sapiens mRNA expressed only in plac	1.11	2.00
	437585	AW976857		ESTs	1.11	2.01
	412524	AA417813	Hs.44208	hypothetical protein FLJ23153	1.11	1.05
	449931	AW875766	Hs.25734	ESTs, Weakly similar to BING1 [H.sapiens	1.11	1.03
	407085	Z70759		gb: H.sapiens mitochondrial 16S rRNA gene	1.10	1.12
10	447191	NM_014521	Hs.17667	SH3-domain binding protein 4	1.10	1.04
	406713	U02629	Hs.77385	myosin, light polypeptide 6, alkali, smo	1.10	1.07
	432675	AJ791855	Hs.105884	ESTs	1.10	2.30
	432731	R31178	Hs.287820	fibronectin 1	1.09	2.12
	430763	AA485468		DNA fragmentation factor, 45 kD, alpha p	1.09	2.10
15	438855	AW946276	Hs.6441	Homo sapiens mRNA; cDNA DKFZp586J021 (fr	1.09	1.04
	405155			NM_003213: Homo sapiens TEA domain famil	1.09	2.19
	409031	AA376836		ESTs	1.09	2.22
	422608	AW160644	Hs.118685	potassium voltage-gated channel, subfam1	1.09	2.26
	440704	M69241	Hs.162	insulin-like growth factor binding prote	1.09	1.28
20	410577	X91911	Hs.64839	glioma pathogenesis-related protein	1.08	2.64
	414191	AW250089	Hs.75907	PDZ and LIM domain 1 (elfin)	1.07	1.02
	452219	AA024860	Hs.61224	ESTs	1.07	2.08
	430108	AA465294		ESTs	1.07	2.11
	402174			Target Exon	1.07	2.11
25	416852	A767736	Hs.290070	gelsolin (amyloidosis, Finnish type)	1.07	1.00
	410199	AW377424	Hs.205126	Homo sapiens cDNA: FLJ22667 fis, clone H	1.07	1.13
	442670	BE410050	Hs.11858	hypothetical protein FLJ13188	1.07	2.21
	442310	AF033199	Hs.8198	zinc finger protein 204	1.06	2.04
	405538			NM_006805: Homo sapiens 26S proteasome-as	1.06	2.20
30	424736	AF230877	Hs.152701	microtubule-interacting protein that ass	1.06	1.05
	423017	AW178761	Hs.227948	serine (or cysteine) proteinase inhibitor	1.06	1.06
	425371	D49441	Hs.159981	mesothelin	1.06	1.27
	429925	NM_000786	Hs.226213	cytochrome P450, 51 (lanosterol 14-alpha	1.06	2.37
	406711	N25514	Hs.77385	myosin, light polypeptide 6, alkali, smo	1.06	1.05
35	409407	AW987370	Hs.342855	Homo sapiens cDNA FLJ13289 fis, clone OV	1.05	2.00
	406109			Target Exon	1.05	2.04
	418697	AK001678	Hs.86337	similar to DNA-directed RNA polymerase I	1.05	2.67
	403162			C2000231*:gi 9802031 gb AA95597.1 AF239	1.05	2.07
	411020	NM_006770	Hs.67726	macrophage receptor with collagenous str	1.05	1.07
40	407225	J04617		eukaryotic translation elongation factor	1.05	1.02
	416955	AW889150	Hs.80595	NM_004552: Homo sapiens NADH dehydrogen	1.05	1.10
	451989	AF169797	Hs.27413	adaptor protein containing pH domain, PT	1.04	2.12
	410276	AJ554545		angiopoietin-2	1.04	1.04
	446921	AB012113	Hs.16530	small inducible cytokine subfamily A (Cy	1.04	1.04
45	406712	M31212	Hs.77385	myosin, light polypeptide 6, alkali, smo	1.03	1.05
	406773	AA812424	Hs.76067	heat shock 27kD protein 1	1.03	1.10
	452082	N51905	Hs.125133	hypothetical protein FLJ22501	1.03	2.01
	419150	T29618	Hs.89640	TEK tyrosine kinase, endothelial (venous	1.03	2.24
	417204	N81037	Hs.1074	surfactant, pulmonary-associated protein	1.02	1.00
50	408339	R97502	Hs.30443	senilin/SUMO-specific protease	1.02	2.19
	400247			Eos Control	1.02	2.04
	430030	BE300094	Hs.227751	lectin, galactoside-binding, soluble, 1	1.01	1.01
	442275	AW449467	Hs.54795	ESTs	1.01	1.04
	406786	AW161678	Hs.111334	fertilin, light polypeptide	1.01	1.06
55	439403	BE265745		ESTs, Weakly similar to ALUC_HUMAN III	1.01	2.11
	428043	T32248	Hs.2240	uteroglobin	1.00	1.05
	406722	H27498	Hs.283441	Homo sapiens SNC73 protein (SNC73) mRNA,	1.00	1.02
	432242	AW022715	Hs.162160	ESTs, Weakly similar to ALU4_HUMAN ALU S	1.00	2.16
	450724	R55428		gb:gi78005.r1 Soares breast 2NblBat Homo	1.00	0.99
60	424125	M31659	Hs.1735	inhibin, beta B (activin AB beta polypep	1.00	1.08
	432077	AL134685		gb:DKFZp547M126_r1 547 (synonym: hfor1)	1.00	2.05
	427687	AW003867	Hs.1570	histamine receptor H1	1.00	1.00
	435256	AF193766	Hs.13872	cytokine-like protein C17	1.00	1.00
	420028	AJ831190	Hs.166676	ESTs	1.00	1.00
65	455128	AW861555	Hs.314372	EST	1.00	1.00
	410685	AA497117	Hs.58893	ESTs, Moderately similar to ALU1_HUMAN A	1.00	1.00
	401404			Target Exon	1.00	1.00
	449625	NM_014253		odx (odd Oz/ten-m, Drosophila) homolog 1	1.00	1.00
70	443459	R05385	Hs.143509	hypothetical protein FLJ21924	1.00	1.00
	452744	A1287652	Hs.246107	Homo sapiens mRNA; cDNA DKFZp434E082 (fr	1.00	1.00
	418355	L42563	Hs.1165	ATPase, H <sup>+</sup> transporting, nongastric, alp	1.00	1.00
	447947	N33033	Hs.270215	ESTs	1.00	1.00
	419236	AA330447	Hs.135159	Homo sapiens cDNA FLJ11481 fis, clone HE	1.00	1.00
	455047	AW852530		gb:PM1-CT0243-071099-001-g06 CT0243 Homo	1.00	1.00
75	440400	AA994364	Hs.125594	ESTs, Weakly similar to T25472 hypotheti	1.00	1.00
	444963	AJ916973	Hs.213603	ESTs	1.00	1.00
	410834	AW811114		gb:MR2-ST0131-111199-016-a04 ST0131 Homo	1.00	1.00
	442849	R10099	Hs.269806	ESTs	1.00	1.00
	420407	AA814732	Hs.145010	lipopolysaccharide-specific response S-li	1.00	1.00
80	454600	AW810001		gb:MR4-ST0124-270300-005-b11 ST0124 Homo	1.00	1.00
	418454	AA315308	Hs.195870	hypothetical protein FLJ14991	1.00	1.00
	458045	N69101	Hs.40730	ESTs	1.00	1.00
	455500	AW963582		gb:EST375655 MAGE resequences, MACH Homo	1.00	1.00
	411745	AW867826		gb:MR0-SN0039-300300-001-c02 SN0039 Homo	1.00	1.00

5	429932	AI095005	Hs.21586	ESTs	1.00	1.00
	432365	AK001106	Hs.274419	hypothetical protein FLJ10244	1.00	1.00
	415817	U08967	Hs.78867	protein tyrosine phosphatase, receptor-l	1.00	1.00
	431374	BE258532	Hs.251871	CTP synthase	1.00	1.00
	443162	T49951	Hs.9029	DKFZP434G032 protein	1.00	1.00
	432128	AA127221	Hs.296502	ESTs	0.99	2.33
	451838	AW005866	Hs.193969	ESTs	0.98	3.26
	438414	AA806794	Hs.131511	ESTs	0.97	3.61
10	435872	AA701357	Hs.192759	ESTs	0.97	0.96
	425211	M18667	Hs.1867	progastricsin (pepsinogen C)	0.97	1.08
	424001	Y67883	Hs.137476	paternally expressed 10	0.96	2.26
	418869	AW516565		gb:qx01d05.x1 Soares_NHCCc_cervical_tumo	0.96	2.07
	458659	AW749695	Hs.332520	Homo sapiens mRNA; cDNA DKFZp434A1014 (f	0.94	2.18
15	418458	AA332941	Hs.85226	lipase A, lysosomal acid, cholesterol es	0.94	1.31
	432728	NM_008979	Hs.278721	HLA class II region expressed gene KE4	0.94	2.12
	432093	H28383		gb:y162c03.r1 Soares breast 3NbHBst Homo	0.94	2.19
	452239	AW379378		protein tyrosine phosphatase, receptor l	0.94	0.79
	403167			Target Exon	0.94	2.06
20	402209			Target Exon	0.92	2.04
	453500	AJ478427	Hs.43125	esophageal cancer related gene 4 protein	0.92	0.74
	424090	X98999	Hs.139262	XIAP associated factor-1	0.91	2.11
	432816	N38913	Hs.221575	ESTs	0.91	2.15
	451779	AW968616	Hs.296234	ESTs, Weekly similar to T31613 hypotheti	0.91	2.14
25	408851	AA609784		major histocompatibility complex, class	0.89	1.04
	427698	AW972594	Hs.335499	ESTs	0.89	0.90
	440006	AK000517	Hs.6844	NALP2 protein; PYRIN-Containing APAF1-E	0.88	2.42
	427383	NM_005411	Hs.177582	surfactant, pulmonary-associated protein	0.87	1.14
	426024	Z43405	Hs.75668	Homo sapiens, Similar to RIKEN cDNA 1700	0.87	2.04
30	400986			NM_024085:Homo sapiens hypothetical pro	0.87	2.10
	430353	AW952337		citrate synthase	0.86	2.28
	404975			uncharacterized hypothalamus protein HT0	0.86	2.50
	406673	M34996	Hs.198253	major histocompatibility complex, class	0.86	1.94
	431323	AW970623		gb:EST382705 MAGE resequences, MAGK Homo	0.80	2.08
	404926			Target Exon	0.79	2.01
35	432297	AW663632	Hs.285625	Homo sapiens mRNA; cDNA DKFZp434A119 (fr	0.77	0.86
	437801	AA761546	Hs.248844	ESTs, Weekly similar to ALU1_HUMAN ALU S	0.77	2.10
	421566	NM_000399	Hs.1395	early growth response 2 (Krox-20) (Drosop	0.76	2.06
	406646	M33600	Hs.308026	major histocompatibility complex, class	0.76	1.09
40	442195	NM_001430		endothelial PAS domain protein 1	0.76	2.00
	415457	AW081710	Hs.7369	ESTs, Weekly similar to ALU1_HUMAN ALU S	0.76	0.78
	413916	N49813	Hs.75615	apolipoprotein C-II	0.73	2.06
	453716	AA037675	Hs.152875	ESTs	0.73	2.10
	437802	AI475995	Hs.122910	ESTs	0.70	2.08
45	422282	AF019225	Hs.114309	apolipoprotein L	0.68	2.95
	410361	BE391804	Hs.62661	guanylate binding protein 1, interferon-	0.64	2.11
	424917	AI636208	Hs.96901	hypothetical protein FLJ23049	0.63	0.53

TABLE 34B:

50	Pkey:	Unique Eas probeset Identifier number
	CAT number:	Gene cluster number
	Accession:	Genbank accession numbers
55	Pkey	CAT Number
	442006	1239046_1
	420195	28714_1
60	437620	9575_20
65	430712	301999_1
	411880	1139083_1
	451149	4941_2
70		
75	459702	539529_1
	417563	2243443_1
	431089	125941_2
	455797	1511159_1
	413059	1488711_1
	417430	40161_2
80	432222	539529_1
	458208	45807_4
	457741	120741_1

411010	1066474_1	AW813361 AW816094 AW813357 AW814469 AW813293 AW816099 AW813295 AW813425 AW813331 AW813325 AW813351 AW813427 AW813339
449780	31099_2	BG721806 BG623674 AA367501 BG436403 BG619828 BG570704 BF086115 BF086118 R78932 BG620860 BG571920 BF997723 AA368244 BG620631 BG621967 BG435818 BG620442 BG621518 H12650 BG573175 H61600 R67494 H01715 D78811 BG435953 BF107266 D79043 R67255 H01310 BG570941 BG570693 R21776 AA327133 R32578 R30775 BG570563 T86946 H61601 W86279 BF991104 R21732 BF990905 BG622861 BE929694 AI090290 BE929277 BE929284 AA367783 AA052581 D78839 H78318 N91085 BE929344 D63217 BE929334 H53536 R80360 H54070 C17064 AW962470 R09000 BG619698 BG623946 H94918 BE929345 AA004267 BF957177 BG620685 BF086421 T87029 C17044 H60972 BG573514 AA131824 D78838 BG003560 C18615 W86323 R09737 R02529 AA367502
406641	0_0	AJ235667 AJ235668 AJ235669 AJ235670
454565	1061836_1	BE141160 BE141231 BE141793 BE141791 BE141167 BE141807 BE141806 BE141805 AW807591 AW807590 AW807586 AW807583 BE141803 AW845918 BE141207 BE141158
455657	1490185_1	BE065209 BE065364 BE065110 BE065111
459189	MH1946_5	AV683451 AK057494 BG718853 BM152866 BG390826 BE709644 AB64727 B1045181 B1459637 AI909102 AI908990 BG722507 B1023834
454824	1073655_1	AW633783 AW833646 AW833525 AW833351 AW833526 AW833382
444986	704733_1	AW268472 AI204197 AW592537
413524	1518858_1	BE145894 BE145837 BM263472
422259	140437_1	BF821471 AW795791 BF844843 BF821371 AA307584 AW795790 BF833724 BE154067 BE064709
456034	686586_1	AA136653 AA136655 AW460979 AA804358 AA809054 AW238038 AA492073 BE168945
426803	1299162_1	AA994657 AA382291
456235	1979764_1	AA203637 AA832266 H67452
433930	19851_15	AW873618 AA620338
413464	415532_1	AL527514 AI732432 AA133309 AI225224 AV700997 BF589361 AW291763 AL121500 AA129708
411188	1072487_1	AW821260 BE162466 BE161168
410285	2817_1	BG402852 BG545086 AA150252 AI038760 AA452480 AI033258 W68776 W63372 N31248 AI052219 AI367635 W68374 N88610 R58194 B1524854 B1497111 BF940043 AI129268 AI358798 AI056480 AA121421 AI042150 AW449003 AI418180 AI419420 AI356058 BF832243 AI349330 AI359448 W76647 BF477170 AW099163 BF994549 AW608256 AA045418 H03770 AI574791 AW069455 BE302146 AW022281 AW980273 AA121288 AI366371 AI899381 AI131425 AI147483 AI311537 AW338638 AI141649 AA709414 AI187177 AA780884 AI333805 AA045312 AI623918 AI349421 W63753 W70299 AA557276 AA299007 N98212 W74064 N24823 T54892 AA054724 W73059 AI869152 N93462 N71889 AI537432 R71628 AA303089 AI498550 T60941 AV706417 AW067848 AI150677 AW338118 AI336313 AA826256 AI139518 AA662948 AA902723 AI970175 W68682 AI088380 AI148372 H99951 AW183001 AI270317 AA532767 AA044727 AA931652 RB2469 AA150261 W67788 H67495 R80715 AW149812 N78914 AI862034 W61122 AW023118 W69975 T88917 T47984 N21531 R35646 AA055544 H15534 AA688295 AA090585 AA044764 BF994641 R79547 N21313 BF874610 H02874 AW975323 T61904 AA328030 AA054671 R79546 BF832310 AI249109 Y08200 NM004581 BC003093 BE733834 B1753321 BG773890 BF091906 B1917541 AI023762 AA587230 BF436086 AI264262 AI687392 AI810536 AW589886 AI244419 AA749261 AA535435 AW205688 AI765770 AI765431 C02485 AW305347 AI818456 AA322111 AW381845 AW381829 AV749407 AA811636 AU159893 AA603065 AA652542 AI468678 R49616 AW381863 BE389867 BE182387 BF087771 AA527551 AA134051 AA631504 AA134052 AI871759 AW089048 B1913532 AA367709 BG828155 BF093014 BM471219 BE093160 BE171761 B1254009 AI905474 AA453162 AA829759 AI086559 AA776022 AI377446 BF588018 AA452822 AW614566 AA443880 AA476733 AW970674 AI933291 AA988283 AI905528 AW384958 D78656 AF150286 AV739052 AA835857
400279	2140_1	AI136653 AA136666 AW450979 AA84358 AA809054 AW238038 AA492073 BE168945
445511	9560_8	AA774785 AA584875 AA577705 AA683178 AA083204 AW362057 T82332 T51823 T02858 AA083375 T92381
458091	452694_1	AW945170 BF930905 F36352 BG057818 AI368018 AI21485 AI300352 AI378526 AI264177 AI276281 AI245302 AI281050 AI190036 AW451438
414221	685588_1	AW242503 AA910870 F22289 F19647 F22375 AW473816 BF445785 AA774528 F33447 C01077 AW772227 F17769 H42812 R09701 AA349056
410253	132134_1	R48772 H42892 H42537 R47898 H22863 H25721 F32386 H43971 R48205 F21380 H45809 AA007629 R47897 R63734 H45844 AW983653 H43970
407102	7177_2	H42538 H24495 R48875 H42961 H22079 R86018 BF314481 BE313241 B1196333 BE383148
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409368	110612_1	AA961586 AI863735 AA588325
433430	2181751_1	BE152393 AA330984 BE073904 BF176271
423790	886344_1	B1836699 AI123196
444083	10908_12	BG168298 AA247945 AA528295 AW971284
419618	252691_1	BF308898 BE296269 BE298765 AW192518 BE299614 BE300025 BF307463
408404	658475_1	BG623239 N58315 AI524952
459657	859794_1	BE153624 BE153576 BE153583
455885	1524553_1	AA019761 AA017656 AA017374
451385	85022_1	AA845538 AA890229
439781	2592493_1	AK002039 AL117524 AV711494 AW954901 AL045243 BF955185 AI137880 AW880616 AW880496 AA255290 BE767078 N44348 AI866676
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		AI919421 AI584160 AI250173 AI440227 AA669696 AW244040 AI358104 AI570333 AI418315 N94787 R72348 N94780 BF944396 BF754698
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		M18728
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		AI972177 T33083 AA613910 AI971079 AI027140 AA853739 AI620528 AI637518 AI972307 BF054861 AK027885 BF082761 AI598127 T33663
		AA204743 BE086680 F12132 T26372 BF765338 AA323108 AA322907 B1037062 BE915235 AV722868 BE254361 T66212 BE566142 T09034
		AA406202 BF843940 AI743855 AA113356 BG990683 BE086729 BE535539
		AB058726 AI561414 BE245990 BE245765 BF439734 AA648422 AA040639 AI340155 AA255928 AA278385 BE766296 AA280771 AI555662
		AI474638 AI863068 B1260946 AK027039 BG615852 AI688039 AA252016 AA258886 BE905205 AW501167 BF514117 B1857400 AW297001
		AI624823 AA126900 AW272165 AA190967 AA280729 AA035532 AW129692 AA125899 BG528645 BE614599 BE464693 AI560128 AA551511
		AI351149 AL556561
		BG292389 C06094 AI668830 AW104534 AA310513 AA830127 AW134897 AA046953 AW965490 AI810530 BF092924 AA334151 AA334725
		D31302 R20723 AA263003 B1824635 AI276287 AI684428 AI524234 AI335035 AW014704 AI911443 AA972102 AI367512 AI126670 AW016017
		AI286003 AI147163 AA626033 AI591555 AA656542 AI084253 AW512612 BE889628 AA744762 BE646306 AW471324 AA999975 AA863400
		H17550 AI891439 R46187 BE299554 AA333978 D63102 BF744491
		AF075017 R66779 R22463 H02780
		NM_002082 L18862 BG828886 BE785217 BE904064 BE294526 BE297283 BE394617 BE935127 BE935106 F12351 BG823182 H16710
		AW978796 AA767373 AW173343 AA836163 N27563 AA905328 R97032

410899	1063474_1	BF374577 AW809840 AW809996 AW809798 AW809695 AW809646 AW809738 BF374582 AW809716 AW809826 AW809802 AW809747 AW810152
453331	16559_1	BG571303 AA410586 AA035018 BG572117 BG620022 AA147247 BG005785 BG014448 R31081 H02668 H12498 R36203 GF992089 R73999 T49904 R75732 B1057974 T53681 AA147933 N50695 R68588 R26671 R31935 R25110 R36105 AK055626 BE157467 AW663674 AA190893 H01642 BF510304 AA626915 AA746952 A1161014 AA099554 BG572534 A1803329 A1808765 AA411449 A1378760 AA976929 A1378620 AA909684 R75632 A1360919 A1350463 AW089127 AA411621 AA742532 H12461 BE208298 H03612 H12839 N58781 R75957 BF996484 A1240685 BF985931 B1056086 BG001590 BF107035
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455577	1475566_1	BE006307 BE006341 BE006311
430858	73704_1	AF007190 AW820705 BE168488 AF007192 BF753303 BG978971 BG978568
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421341	1407_1	NM_007329 AF159456 AJ243212 AJ297935 AA295769 NM_017579 AJ243224 A1492875 A1796576 A1749838 AA918144 A1814590 A1923531 BF513992 A1270725 A1150879 A1279072 AW612904 A1492104 A1284510 A1141231 AA613554 AW662148 AW768047 AA565895 AW612888 AU100513 BG955585 BG955588 AA235763 BE829414 BF760645 BG954398 AA295332 AA295795 BE932867 AW769569 T89953 BE934311 AF116622 A114507 AA640834 BF111602 A13377999 C16024 C15974 AW811066 AW811052 AW811020 A1569131
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412477	8669_2	A1220117 A1857837 A1216371 BM091400 A1304964 A1198508 A1400738 AW571549 AW950042 A1089943 AA437280 AU150878 BF197070 A1267984 BF594181 BF196688 A1433152 A1338921 A1620364 A1280197 AA652531 A1674938 A1342447 A1620360 A1281295 A1488621 N54787 A1338121 A1281153 N51899 A1087072 AA954788 AW089054 A1346309 BG528629 A1340135 BF083036 A1167365 AW819657 AA935468 A1467868 AW148701 A1383720 BE047685 AW015498 AA937149 AA708346 AW771478 AW802508 H53334 AW389204 AW798230 A1553922 A1560688 AW950043 A1961682 AV706506 R01853 AA126514 N62757 A1536893 A1926052 A148720 N99964 A1568933 A1915737 A1080691 A1185358 N48996 N68575 H82824 H60037 A1247247 T95664 BF593863 A1749537 AW089541 AA991294 AA887452 A1073726 A16633132 AA629674 AA629649 AA629656 AA578595 A1168758 AA804572 A1085786 AA994396 AA991209 AA948663 AA929054 AA927852 T87001 AA928210 AA629296 AW802267 AW384129 BF744400 AA194110 A1382839 AA184837 AA1006284 A1250750 R37035 A1525586 W01244
456076	8455_1	BG210376 BG217800 BE925778 W39114 BG682385 N70644 BE709097 AW276615 BC001469 A1564898 A1088126 AW003852 BF792438 AA161296 AW970131 A1127310 AW029307 AW192534 AA843144 AW062355 BE221641 AW008111 AA224203 AA804507 AW794761 AA134006 AA126850 N99165 AW768391 AW818302 A1269871 BE503027 AW401627 AA486231 AA486417 AA191542 AA028128 AA159991 A1488090 A1241024 BM145449 AA774661 A1626021 C18251 BE185811 AA291517 N38895 N59222 A1245611 AA169207 A1298572 AA169585 A1131139 A157960 A1439983 A1208276 AA360061 W67305 AW337587 A1357055 W04739 A124517 AA617789 AW241277 A1880213 A1582789 A1143996 BE114848 N49964 A136222 A1617819 F09976 AA039349 AW805002 T35117 N84388 A1689530 AW384573 AW384555 AW384539 AW384473 AA129709 AW384466 BG194342 BG204579 BG027538 AL578075 AA399553 AW794949 T88888 AW511211 R26589 R36111 BG170658 BE937009 BG678833 AA862899 H96612 H02273 AA768487 BF211173 N32570 AA088287 R68451 AA287563 B116847 R80865 AA421891 W68402 R23378 R64119 R70109 R77661 R87963 BG701844 H86670 AA169664 AA114111 BE715243 R89317 BE715252 BE713804 BG638586 NM_001679 BC011835 U51478 BM463117 A1119748 B1462090 B1227086 BG706303 BF059073 BG706532 B1544716 A1568735 BE058747 AU122881 AU125210 A1186547 AU134705 BE281323 A1147220 BE263820 AW973937 BG281863 BE858367 BE278941 A1262814 A1001194 A1391616 A1200662 N32564 A1161054 A189818 BF514359 A1370916 A1341797 BE263168 A1218416 A1131099 A1928440 A1928440 A1375442 AW026327 A1217792 A1161020 A1342854 A1221544 A1304700 A1343005 BM148839 AA831636 AW074258 BF940589 A1149876 A1914574 AA298442 A1241343 AA668985 AW272172 A1160537 BG209220 AA028152 AA025899
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453542	885_22	BF036043 AW190446 BG194731 AW662036 A1445021 BE937550 AW818972 AW393132 AA834695 BF112058 AV721582 H16423 A1270167
437685	596988_1	A1857345 AA937302 AW818444 BE929780 BG498678 BF155010 B1596271 B1588811 BE161728 AW578737 AW753711 AW379707 AW381918
430763	1400_7	BG506608 AW026637 AW994240 BF887392 BF790073 AW381624 AV727105 BF439618 AA443174 A1018009 N42850 AW573242 A1417258
409031	9531_1	AA63483 A1676131 A1187170 AA838827 AA443828 AW592922 AA236129 AA730278 AW439062 AW474332 B1043239 AW474342 BG708553 AW362423 BF090028 BE827256 R16550 R39478 R39479 R94368 BG540916 BM314745 AA251087 D54231 D55274 BF085805 D31589 AW966405 AW994425 D81878 BE093545 AW901107 AA383629 B1021552 R56420 N39976 AA573281 H82585 AA24955 BE083539 AW367006 BF358697 BF366318 AA663856 BE702099 BF035989 A1267384 A1267232 BE348320 AA621574 AA861212 BF083343 BF083341 AV745131 D53074 AW954476 AW954472 AA376836 AV724531 D53063 C14928 AA093287 AA062638 BG483558 BE940050 A4765954 T70171 BE938775 BE940057 D53502 AW373300 AL118798 BM128728 AA183411 AW444709 AW952455 A1887612 BF431948 B1496876 A1264158 BM128481 A1624857 A189301 A1969487 AA881685 AA251596 AA625761 AA872090 A1828790 AA328366 BE827416 R75951 D56918 R68122 BE827384 A1118797 A1164164 AA164411 B1495332 BE859113 A1863860 H00660 T69849 AW780399 C14667 BE934995 B1018652 R32801 AA164410 H00752 AW373305 AW373299 AW373302 AA928810 AW968393 AA465294 AA811301 AA083514 A1554545 AW169852 A1363822 A1633826 A1856025 A1766624 AA147545 AA147552 BC022339 BC009610 BC010537 X79605 NM_006713 U12979 BM467814 BM450743 A1132951 AU137129 BG493426 AV768819 BG708412 BG705885 BG702217 AV716638 BG777009 B1545899 B1552153 BM476712 BG770858 BG527656 BG628277 BG391388 AV716861 B1602928

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BG290073 BI667399 BM451469 BI667173 BI602139 BG532171 BI669216 BI544727 BG721852 AV716503 AV701327 BM090738 BI492000  
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 AV704306 BF368780 AW867826 AW859896  
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 AW970623 AA502839 AA502819  
 U81884 NM\_001430 BE907085 BI333232 AI021986 AU138476 C18501 U51628 AU100517 BI054387 AU076970 BE786454 BG010080 AW377189  
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 BI053717 BE929315 BI064957 BF960055 BF925432 R05421 BF922073 T70331 BI004403

TABLE 34C:

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Pkey: Unique number corresponding to an Eos probaset.  
 Ref: Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham, et al." refers to the publication entitled "The DNA sequence of human chromosome 22" Dunham, et al. (1999) *Nature* 402:489-495.

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Strand: Indicates DNA strand from which exons were predicted.  
 Nt\_position: Indicates nucleotide positions of predicted exons.

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Pkey	Ref	Strand	Nt_position
405443	7408143	Plus	90716-90887,101420-101577
401645	7657839	Minus	34980-36133
401673	7689903	Minus	122587-122705,122765-123047
405120	8039940	Plus	140176-140340
401785	7249190	Minus	165776-165996,166189-166314,166408-166556
402333	8844110	Minus	165893-165896
404942	7382153	Plus	92095-92252
403362	8571772	Plus	64099-64260
402641	9958129	Minus	122593-125136
405600	5923640	Plus	26662-27225
405061	7656744	Minus	132492-132932
402327	7656695	Minus	108675-108770,109801-109910
404342	9638093	Plus	115854-116033
404429	7407979	Plus	31352-31498
403344	8569726	Plus	70823-70990
401593	7230957	Plus	10368-10572,11293-12356
406461	9756020	Minus	158842-159135
406609	9687671	Minus	92037-92247
402674	8077108	Minus	39290-39502
401677	9965537	Minus	62856-63086,63603-63884
405579	6456174	Plus	100986-101542
405797	1934909	Minus	5599-5681,5821-6104

	405159	9966252	Plus	79659-79804
	403520	7684483	Minus	97621-98084
	402538	9801137	Minus	96314-96539
5	404151	7534014	Minus	69038-69399
	400496	9743564	Plus	41515-41695
	403010	3132346	Plus	78385-79052
	406387	9256180	Plus	116229-116371, 117512-117651
	402885	9926751	Plus	71919-72049
10	404601	7229859	Minus	37270-37526
	402487	9797538	Plus	75677-75843
	404455	7677926	Minus	26927-27611
	401067	5764724	Minus	153366-153509
	402324	7630361	Plus	26052-26803
15	402013	7407997	Plus	174540-174634, 175449-175568
	401116	9966559	Plus	123579-124447
	402998	2996643	Minus	17175-17373
	405550	1652494	Plus	91720-92115
	402917	7405502	Minus	1034-1177, 3143-3266
20	402504	9797871	Plus	12366-12614
	405491	5801645	Plus	81867-82045
	400818	8569994	Plus	172644-172765, 173085-173200
	406475	9797684	Plus	125417-125563, 128052-128180
	401025	8117518	Minus	179287-179483, 181044-181166, 181844-18203
25	402308	7340295	Minus	92080-93638
	405213	6692345	Minus	50267-51151
	400740	7329257	Minus	79920-80510, 80576-80746
	402825	6165330	Minus	78572-78807
	405973	8247789	Plus	103859-104254
30	405818	4071056	Plus	29055-29196
	402621	9930950	Plus	130806-131036
	401311	9212516	Minus	180124-180754
	401899	7230209	Minus	155620-155816
	403579	8101179	Minus	36167-36365
35	404600	8705107	Plus	118354-118444, 118649-118792
	405531	9665194	Plus	35602-35803
	405542	9857664	Plus	71331-72183
	405131	8516051	Minus	136764-137594
	403026	7670575	Plus	56521-56840
40	405369	2078469	Minus	34183-34357, 35686-35751
	405932	7767812	Minus	123525-123713
	405156	9966228	Plus	146733-146860, 147899-147961, 153127-15325
	402174	8575912	Plus	253499-253674
	405636	9795681	Plus	164081-164162, 164397-164516, 166720-16679
45	406109	9127147	Minus	58328-58485
	403162	9838085	Plus	82652-83613
	401404	7710868	Plus	136474-136646
	403167	9839127	Plus	162589-162935
	402209	8576119	Minus	53315-53472
50	400986	8085497	Minus	63140-63319
	404975	3419884	Minus	86096-86605
	404826	7341919	Minus	150411-151484

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TABLE 35A: About 323 genes upregulated in hypersensitivity pneumonitis relative to idiopathic pulmonary fibrosis or non-specific interstitial pneumonitis

60	Key:	Unique Eos probeset identifier number				
	ExAccn:	Exemplar Accession number, Genbank accession number				
	UnigeneID:	Unigene number				
	Unigene Title:	Unigene gene title				
65	R1:	90th percentile of HP AIs divided by 90th percentile of IPF AIs, where 15th percentile of normal tissue AIs was subtracted from both the numerator and denominator. The minimum value for the numerator and denominator was set to 50.				
	R2:	80th percentile of HP AIs divided by the median of IPF AIs, where the minimum value for the numerator and denominator was set to 50.				
70	Key	ExAccn	UnigeneID	Unigene Title	R1	R2
	402550			Target Exon	4.03	4.70
	421563	NM_006433	Hs.105806	granulysin	3.37	2.70
	424326	NM_014479	Hs.145296	ADAM-like disintegrin protease, decysin	3.31	2.42
75	417967	BE244373	Hs.1119	nuclear receptor subfamily 4, group A, m	3.09	1.51
	411089	AA458454		cell division cycle 2-like 1 (PITSLRE pr	2.99	1.28
	416350	AF188625	Hs.189507	phospholipase A2, group IID	2.71	1.43
	406654	M90586	Hs.73885	HLA-G histocompatibility antigen, class	2.70	1.53
80	459705	BE082764	Hs.270252	ESTs, Weakly similar to androgen recepto	2.70	1.14
	412610	X90908	Hs.74126	fatty acid binding protein 6, ileal (gas	2.69	2.99
	452194	AI694413		olfactory receptor, family 2, subfamily	2.63	2.67
	447709	U97145	Hs.18317	GDNF family receptor alpha 2	2.63	1.52
	410910	AW810204		gb:MR4-ST0125-021199-017-008 ST0125 Homo	2.59	1.00
	454671	AW812929	Hs.336908	ESTs	2.50	2.34
	441859	AW194364	Hs.94814	interleukin-4 induced gene-1 protein (FI	2.45	1.90
	422398	AI476149	Hs.334499	hypothetical protein FLJ21992	2.45	1.35
	403244			C2002870~g 82698 g JQ0985 hydroxypr	2.40	1.53



	415462	R52692	Hs.12698	ESTs	2.40	1.00
	447028	AJ973128	Hs.167257	brain link protein-1	2.33	1.64
	412394	AW984150		gb:PM2-HN0008-170300-001-h09 HN0008 Homo	2.32	1.00
5	450165	AA007235	Hs.63931	ESTs	2.32	1.32
	431093	AB031038	Hs.301704	eomesodemin (Xenopus laevis) homolog	2.30	1.81
	444090	S69115	Hs.10306	natural killer cell group 7 sequence	2.28	1.69
	413682	BE156891		gb:RC3-HT0371-290100-013-a02 HT0371 Homo	2.27	1.59
	441320	AJ768724		fibulin 1	2.27	1.87
10	456766	R87310	Hs.7740	oxysterol binding protein-like 1	2.27	1.36
	420340	NM_000734	Hs.97087	CD32 antigen, zeta polypeptide (TIT3 com	2.26	1.98
	459721	AI290050	Hs.143835	gb:gn14d12x1 NCI_CGAP_Lu5 Homo sapiens	2.25	1.82
	405452			Target Exon	2.25	1.29
	458079	AI796870	Hs.54277	DNA segment on chromosome X (unique) 992	2.25	5.80
15	401447			Target Exon	2.25	1.55
	423066	Y18264	Hs.123094	sal (Drosophila)-like 1	2.24	1.51
	441704	AI458766	Hs.192125	ESTs	2.24	1.00
	405097			ENSP00000175238*:A disintegrin and metal	2.24	1.00
	406544	AW293825		ESTs	2.22	1.95
20	413454	BE141162		gb:MR0-HT0076-021295-001-d03 HT0076 Homo	2.20	2.26
	444404	M31525		major histocompatibility complex, class	2.20	1.37
	418460	M26315	Hs.85258	CD8 antigen, alpha polypeptide (p32)	2.19	2.88
	436063	AK000028		ribosomal protein S24	2.19	1.42
	429212	NM_001504	Hs.198252	G protein-coupled receptor 9	2.18	1.22
25	400712			Target Exon	2.18	1.00
	417929	R27219	Hs.74647	Human T-cell receptor active alpha-chain	2.17	1.79
	403478			NM_022342:Homo sapiens kinesin protein 9	2.17	1.80
	418747	AJ249977	Hs.88049	protein kinase, AMP-activated, gamma 3 n	2.17	1.76
	429712	AW245825	Hs.211914	ENSP00000233627*:NADH-ubiquinone oxidore	2.16	1.44
30	451668	Z43948	Hs.326444	cartilage acidic protein 1	2.16	2.12
	414020	NM_002984	Hs.75703	small inducible cytokine A4 (homologous	2.15	2.88
	456057	AA947457	Hs.135560	ESTs, Weakly similar to T43458 hypotheti	2.15	2.50
	444346	AI142274		ESTs	2.15	2.38
	418916	X07871	Hs.89476	CD2 antigen (p50), sheep red blood cell	2.14	1.93
35	451316	AA029888	Hs.95071	ESTs	2.14	1.16
	458935	Y16521	Hs.24812	CDP-diacylglycerol synthase (phosphatida	2.13	1.52
	417105	X60992	Hs.81226	CD8 antigen	2.13	2.61
	408219	BE051111	Hs.254211	gb:QV0-BT0041-011199-039-f02 BT0041 Homo	2.13	1.94
	420137	AA306478	Hs.95327	CD3D antigen, delta polypeptide (TIT3 co	2.11	2.66
40	443711	N87881	Hs.49390	ESTs	2.10	1.00
	423234	AA323534	Hs.296162	AD037 protein	2.10	1.52
	416975	NM_004131	Hs.1051	granzyme B (granzyme 2, cytotoxic T-lymp	2.09	3.74
	425280	U31519	Hs.1872	phosphoenolpyruvate carboxykinase 1 (sol	2.08	1.84
	405827			Target Exon	2.08	1.00
45	406909	L20777	Hs.73885	gb:Human MHC class I HLA-G gene (HLA-A33	2.08	2.29
	437295	AW779318	Hs.88417	ESTs	2.07	1.72
	424281	AA768243		gb:aa13b11.s1 NCI_CGAP_GCB1 Homo sapiens	2.07	1.00
	430413	AW842182	Hs.241392	small inducible cytokine A5 (RANTES)	2.07	2.16
	423901	AA333006		gb:EST37064 Embryo, 8 week Homo sapien	2.07	1.50
	405075			Target Exon	2.07	1.15
50	457423	AK000642	Hs.265018	hypothetical protein FLJ20635	2.07	2.67
	406267			Target Exon	2.07	1.30
	423365	AA324992	Hs.257168	ESTs	2.05	1.70
	449970	AI678058	Hs.201227	ESTs	2.06	2.48
55	430733	AW975920	Hs.121036	ESTs	2.08	1.00
	446323	AI288274	Hs.345792	ESTs	2.06	1.00
	402240			Target Exon	2.05	1.84
	451404	AA460775	Hs.6295	ESTs, Weakly similar to T17248 hypotheti	2.05	1.44
	424463	AW195353	Hs.119903	ESTs	2.04	1.32
60	400107			Eos Control	2.04	2.42
	404811			NM_021096:Homo sapiens calcium channel,	2.03	2.18
	403589			Target Exon	2.03	1.57
	404088			Target Exon	2.03	1.00
	414991	C17898		gb:C17898 Human placenta cDNA (TFujiwara	2.03	2.04
65	428073	AA446167	Hs.47385	ESTs	2.03	3.10
	426274	D38122	Hs.2007	tumor necrosis factor (ligand) superfamily	2.02	1.92
	401897			C17001967:gt[7303380]gb[AAF58438.1] (AE0	2.02	1.55
	431094	AW972276	Hs.116195	ESTs	2.02	1.00
	424899	AL119387	Hs.119062	ESTs	2.01	2.41
70	419711	C02621	Hs.159282	ESTs	2.01	1.92
	459019	AA017156	Hs.40719	hypothetical protein KIAA1164	2.01	1.78
	405453			NM_005748*:Homo sapiens YY1-associated f	2.01	1.24
	402516			Target Exon	2.01	1.00
	457365	AA577297	Hs.303249	EST	2.01	2.36
75	407928	NM_002262	Hs.41682	killer cell lectin-like receptor subfamily	2.01	2.62
	436553	AW407157	Hs.8997	immunoglobulin lambda locus	2.00	1.64
	406266			Target Exon	2.00	2.46
	419409	AW297831	Hs.143792	hypothetical protein MGC2656	2.00	1.60
	435028	AW193035	Hs.187370	ESTs	2.00	1.55
80	404696			NM_013443:Homo sapiens CMP-NeuAC:(beta)-	2.00	1.21
	403533			Target Exon	2.00	1.17
	411673	BE064863		gb:RC1-BT0313-110300-015-f06 BT0313 Homo	2.00	1.00
	424148	BE242274	Hs.1741	integrin, beta 7	1.99	3.66
	419833	AA261131	Hs.220697	ESTs	1.99	1.69



	423196	AK001866	Hs.125139	hypothetical protein FLJ11004	1.99	1.84
	426416	AW612744	Hs.169824	killer cell lectin-like receptor subfam	1.98	2.56
	449317	AW293413	Hs.132906	19A24 protein	1.98	2.44
5	424321	W74048	Hs.1765	lymphocyte-specific protein tyrosine kin	1.97	2.51
	422109	S73265	Hs.1473	gastrin-releasing peptide	1.97	3.32
	424218	AF031824	Hs.143212	cystatin F (leukocystatin)	1.96	1.86
	406303			C16003922g j7499103 pir T20903 hypothe	1.96	2.16
	438576	AA813745	Hs.123446	ESTs	1.95	3.62
10	404240			NM_018950:Homo sapiens major histocompat	1.95	2.06
	404056			Target Exon	1.94	2.60
	425508	AA991551	Hs.97013	Homo sapiens, Similar to RIKEN cDNA 2310	1.93	3.24
	429819	AL133011	Hs.225108	Homo sapiens mRNA; cDNA DKFZp434P201 (fr	1.93	2.35
	416941	BE000150	Hs.48778	niban protein	1.92	2.24
15	446998	N99013	Hs.16762	Homo sapiens mRNA; cDNA DKFZp564B2062 (f	1.92	5.44
	409153	W03754	Hs.50813	hypothetical protein FLJ20022	1.92	6.08
	419490	NM_006144	Hs.90708	granzyme A (granzyme 1, cytotoxic T-lymp	1.90	5.52
	446808	N75217	Hs.257846	ESTs	1.90	4.63
	425367	BE271188	Hs.155975	protein tyrosine phosphatase, receptor t	1.89	1.50
20	414812	X72755	Hs.77367	monokine induced by gamma interferon	1.89	4.93
	422994	AW891802	Hs.296276	ESTs	1.88	3.30
	424517	AI539443	Hs.137447	Homo sapiens cDNA FLJ12169 fis, clone MA	1.88	2.17
	433671	AW138797	Hs.132906	19A24 protein	1.88	1.83
	412116	AW402168	Hs.784	Epsleln-Bar virus induced gene 2 (lymph	1.86	3.12
25	447656	NM_003726	Hs.19126	src kinase-associated phosphoprotein of	1.86	1.88
	432468	AW402155	Hs.3003	CD3E antigen, epsilon polypeptide (IT3	1.84	1.65
	419231	AL046294	Hs.136245	ESTs, Weakly similar to T17227 hypotheti	1.83	2.46
	427527	AI809057	Hs.153261	immunoglobulin heavy constant mu	1.82	2.07
	431574	AW572659	Hs.261373	hypothetical protein dJ434014.3	1.82	2.63
30	436485	X59135	Hs.156110	immunoglobulin kappa constant	1.82	2.75
	432606	NM_002104	Hs.3066	granzyme K (serine protease, granzyme 3;	1.81	4.56
	421379	Y15221	Hs.103982	small inducible cytokine subfamily B (Cy	1.80	5.10
	445569	BE382057	Hs.21486	signal transducer and activator of trans	1.79	1.89
	429670	L01087	Hs.211593	protein kinase C, theta	1.78	3.34
35	412584	X54870	Hs.74085	DNA segment on chromosome 12 (unique) 24	1.78	3.55
	413869	NM_000878	Hs.75598	Interleukin 2 receptor, beta	1.78	1.97
	406672	M26041	Hs.198253	major histocompatibility complex, class	1.76	2.12
	452203	X57522		transporter 1, ATP-binding cassette, sub	1.75	1.55
	426451	AI908155	Hs.169946	GATA-binding protein 3 (T-cell receptor	1.73	2.04
40	447131	NM_004565	Hs.17468	retinoic acid receptor responder (tazaro	1.73	1.56
	414512	AL044335	Hs.6831	golgi phosphoprotein 1	1.73	2.00
	426752	X69490	Hs.172004	itin	1.73	2.82
	444793	U89281	Hs.11958	oxidative 3 alpha hydroxysteroid dehydro	1.72	2.30
	452334	D60471	Hs.13390	gb:HUM111D09B Clontech human fetal brain	1.72	2.12
45	446227	AI281459	Hs.270114	ESTs	1.72	2.48
	407830	NM_001086	Hs.587	arylacetamide deacetylase (esterase)	1.72	2.72
	423799	AW026300	Hs.132906	19A24 protein	1.71	2.40
	458332	AI000341		ESTs	1.70	3.71
	408380	AF123050	Hs.44532	diubiquitin	1.70	2.71
50	437644	AA748575	Hs.136748	lectin-like NK cell receptor	1.70	2.58
	402736			NM_024852:Homo sapiens hypothetical prot	1.69	2.10
	438666	U44385	Hs.325495	tissue inhibitor of metalloproteinase 2	1.69	1.39
	422846	BE513934	Hs.1583	neutrophil cytosolic factor 1 (47kD, chr	1.68	2.02
55	426202	BE266484	Hs.82916	chaperonin containing TCP1, subunit 6A (	1.68	2.14
	414546	AA353776	Hs.501	CD48 antigen (B-cell membrane protein)	1.68	3.30
	420440	NM_002407	Hs.97644	mammaglobin 2	1.67	2.42
	416967	BE616731	Hs.80545	interferon regulatory factor 1	1.67	1.49
	415823	R81864	Hs.205103	ESTs	1.65	2.16
60	421824	BE514514	Hs.109606	coronin, actin-binding protein, 1A	1.65	1.58
	427307	AF117947	Hs.174795	PDZ domain-containing guanine nucleotide	1.63	1.94
	444829	AI685841	Hs.161354	ESTs	1.63	2.16
	439237	AW408158	Hs.318883	ESTs, Weakly similar to A47582 B-cell gr	1.63	1.74
	418196	AI745649	Hs.26549	KIAA1708 protein	1.62	2.76
	428227	AA321649	Hs.2248	small inducible cytokine subfamily B (Cy	1.62	4.42
65	438568	R98865	Hs.11135	major histocompatibility complex, class	1.62	1.74
	430308	BE640865	Hs.238990	cyclin-dependent kinase inhibitor 1B (p2	1.62	1.85
	433934	AW273261	Hs.216292	ESTs	1.62	2.00
	434559	AI076755	Hs.269899	ESTs, Moderately similar to ALU8_HUMAN A	1.61	2.00
	450000	AI952797	Hs.10888	hypothetical protein FLJ21709	1.61	1.46
70	415349	AI766697	Hs.13231	ESTs	1.60	2.00
	406656	M16714	Hs.89643	major histocompatibility complex, class	1.60	1.47
	456974	M12529	Hs.169401	apolipoprotein E	1.60	1.53
	416401	N80139	Hs.268816	ESTs	1.59	1.68
	439372	AF088033	Hs.159225	ESTs	1.59	2.04
75	434668	AF151103	Hs.112259	T cell receptor gamma locus	1.59	4.08
	417696	BE241624	Hs.82401	CD69 antigen (p60, early T-cell activat	1.58	3.06
	417427	M80391	Hs.82127	interleukin 16 (lymphocyte chemoattracta	1.58	2.37
	431903	AB029488	Hs.272100	SMS3 protein	1.57	2.14
	413472	BE242870	Hs.75379	solute carrier family 1 (glut high affi	1.57	2.28
80	425762	BE244076	Hs.159578	AT-hook transcription factor A/NA	1.56	1.46
	412472	AW975398	Hs.293835	ESTs	1.56	2.26
	451406	AI694320	Hs.6295	ESTs, Weakly similar to T17248 hypotheti	1.56	2.38
	412568	AI878826	Hs.74034	caveolin 1, caveolae protein, 22kD	1.55	1.67
	449835	AW979300	Hs.293813	ESTs	1.55	2.16